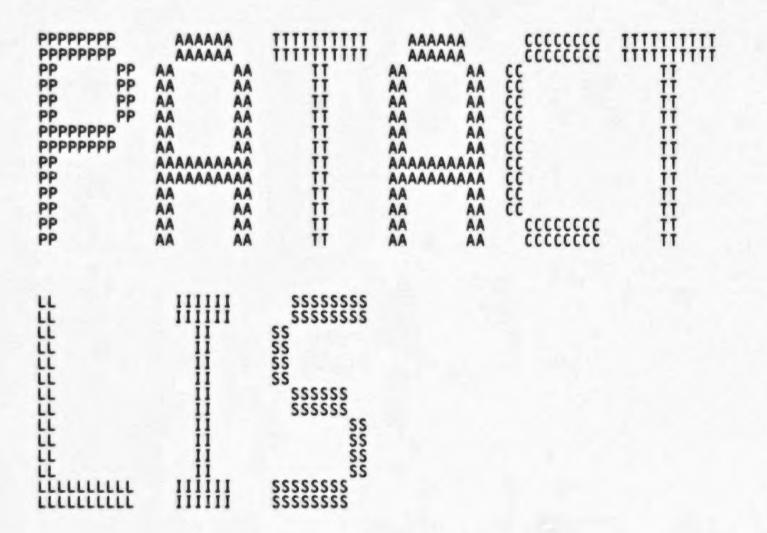
PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	AAAAAAA AAAAAAA AAAAAAA		2222222222 22222222222	ннн ннн ннн ннн
PPP PPF	AAA AAA	TTT	CCC	нин нин
PPP PPF		ŤŤŤ	ČČČ	нин нин
PPP PPF		ŤŤŤ	ČČČ	ннн ннн
PPP PPF		ŤŤŤ	ČČČ	нин инн
PPP PPF		ŤŤŤ	ČČČ	нин инн
PPP PPF		ŤŤŤ	ČČČ	ннн ннн
PPPPPPPPPPP	AAA AAA	ŤŤŤ	ČČČ	нининининини
PPPPPPPPPPP	AAA AAA	ŤŤŤ	ČČČ	нинининининин
PPPPPPPPPPP	AAA AAA	ŤŤŤ	ČČČ	нинининининин
PPP	AAAAAAAAAAAAA	ŤŤŤ	ČČČ	ннн ннн
PPP	AAAAAAAAAAAAA	ŤŤŤ	ČČČ	ннн ннн
PPP	AAAAAAAAAAAA	ŤŤŤ	ČČČ	нин инн
PPP	AAA AAA	ŤŤŤ	ČČČ	нин инн
PPP	AAA AAA	ŤŤŤ	222	ннн ннн
PPP	AAA AAA	ŤŤŤ	ČČČ	ннн ннн
PPP	AAA AAA	ŤŤŤ	2222222222	ннн ннн
PPP	AAA AAA	ŤŤŤ	2222222222	ннн ннн
PPP	AAA AAA	ŤŤŤ	55555555555	ннн ннн

....

....



PA

MODULE PATACT (

ADDRESSING MODE (EXTERNAL = GENERAL, NONEXTERNAL = LONG_RELATIVE), IDENT = 'V04-000') =

BEGIN

0002 0003 0004

0005 0006 0007

8000 0009 0010

0011 0012 0013

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FACILITY:

PATCH

ABSTRACT:

End of command line action routine plus a few other parsing action routines.

ENVIRONMENT: STARLET, user mode, interrupts disabled.

Version:

V02-029

History: Author:

Carol Peters, 03 Jul 1976: Version 01

MODIFIED BY:

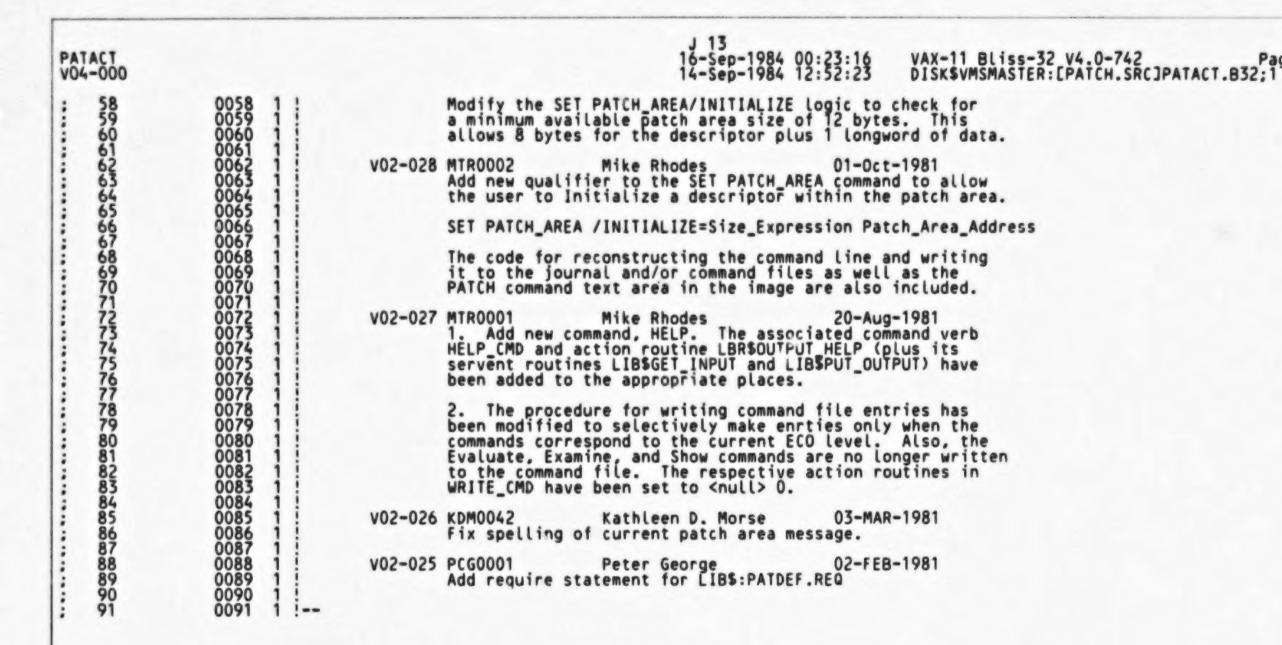
MCN0185 Maria del C. Nasr 07-Aug-1984 Do not execute those commands that are invalid when V03-002 MCN0185 patching in /ABSOLUTE context. Return error message to user.

V03-001 MTR0012 Mike Rhodes 16-Aug-1982 Modify file names to remove duplicate file name useage between code and require files.

V02-029 MTR0003

Mike Rhodes

03-Feb-1982



PATACT V04-000	K 13 16-Sep-1984 00:23:16 14-Sep-1984 12:52:23	VAX-11 Bliss-32 V4.0-742 Page DISK\$VMSMASTER:[PATCH.SRC]PATACT.B32:1 (2
94 0093 1 PAT 95 0094 1 PAT 96 0095 1 PAT 97 0096 1 WRI 98 0097 1 PAT 99 0098 1 PAT 100 0099 1 PAT	TSEND_OF_CMD: NOVALUE, TSEND_OF_LINE: NOVALUE, TSPERFORM_CMD, ITE_CMD: NOVALUE, TSSET_OVERS: NOVALUE, TSSET_COMQUAL: NOVALUE, TSGET_COMQUAL: NOVALUE; YS\$LIBRARY:LIB.L32'; RC\$:PATPCT.REQ'; RC\$:PATGEN.REQ'; RC\$:BSTRUC.REQ'; RC\$:BSTRUC.REQ'; RC\$:DLLNAM.REQ'; RC\$:PATMSG.REQ'; RC\$:PATMSG.REQ'; RC\$:SYSSER.REQ';	End of command processing routine End of command line processing routine Executes a patch command Writes command line to command file Sets mode level to local or override leve Sets bit to indicate qualifier in command finds all command qualifiers specified Defines literals

PA

PA VO

PATACT V04-000 : R1072 1 SWITCHES LIST (SOURCE); : R1073 1 : R1074 1 EXTERNAL ROUTINE : R1075 1 PAT\$fao_out; L 13 16-Sep-1984 00:23:16 VAX-11 Bliss-32 V4.0-742 Page 4 15-Sep-1984 22:50:49 _\$255\$DUA28:[PATCH.SRCJSYSSER.REQ;1 (1)

! formats a line and outputs to the terminal

```
PATACT
VO4-000
                                                                                                                                                                                                                                                                                                                                    16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                                                                                                                                                                                                                                                                                                                                                           VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
                                                                                                                       REQUIRE 'SRC$:PREFIX.REQ';
REQUIRE 'SRC$:PATPRE.REQ';
REQUIRE 'SRC$:PATRTS.REQ';
REQUIRE 'HELPDEF';
              REQUIRE 'SRC$:PATRTS.REQ';

REQUIRE 'HELPDEF';

EXTERNAL ROUTINE

LBR$OUTPUT HELP,

LIB$GET INPUT,

LIB$PUT OUTPUT,

PAT$ADD PAL,

PAT$ADD PAL,

PAT$ALIGN CMD,

PAT$CANC MODULE,

PAT$CANC MODULE,

PAT$CANC MODULE,

PAT$ECO CMD$,

PAT$ECANC MODULE,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$CO CMD$,

PAT$CO CMD$,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$ECANC,

PAT$FREE ARG,

PAT$MAP ADDR: NOVALUE,

PAT$OUT PAL EXP,

PAT$COPE,

PAT$COPE,

PAT$COPE,

PAT$SET MODULE,

PAT$SET MODULE,

PAT$SET NOVALUE,

PAT$COPE,

PAT$WRITE INS: NOVALUE,

PAT$WRITE NAME: NOVALUE;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ! Help options value definitions.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Interactive help facility
Not currently required...here for future u
Writes the help text for LBR$OUTPUT_HELP
Adds patch area to list
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Align command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     free up pathname storage
Cancels symbols for modules
Define command
Deposit command
Set eco level and check eco level commands
Examine command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Examine command
Formats an FAO line
Updates and enlarges a buffer from a strin
Frees elements of a command argument list
Releases storage in dynamic allocation are
Initializes modes
Maps a virtual address
Opens command file for output
Outputs values to output device
Outputs PATCH Area address and size expres
Replace command
Resets modes to initialization mode
Saves a current path name
Initializes context bits
Sets up symbols for modules
Sets mode list
Sets mode pointer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sets mode pointer
Sets new modes
Show default command
Show module command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Show scope command
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Writes expressions to the command file Writes data to a file Writes instruction-type command arguments
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Writes names to the command file
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Writes out new patched image
                                                                                3198
3199
32001
32001
32003
32005
32008
32008
32008
32008
32009
3210
3210
                                                                                                              1 EXTERNAL
                                                                                                                                                               PATSGL_HELP_LIN : BLOCK [8,BYTE],
PATSGB_MOD_PTR : REF VECTOR[,BYTE],
PATSGL_ECO_UPD : BITVECTOR,
PATSGB_EXEC_CMD : BYTE,
PATSGL_CSP_PTR : REF PATHNAME_VECTOR,
PATSGL_COMQUAL : BITVECTOR,
PATSGL_IHPPTR : REF BLOCK[,BYTE],
PATSGL_BUF_SIZ,
PATSGL_BUF_SIZ,
PATSGL_FLAGS : BITVECTOR [32],
PATSGL_FLAGS : BITVECTOR [32],
PATSGL_RLOC_BUF : BLOCK[,BYTE],
PATSGL_TEMP_BUF : BLOCK[,BYTE],
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Global descriptor to remainder of command Current mode pointer
Update qualifier eco mask
Indicator whether or not to execute patch Current scope position
Command qualifier indicators
Pointer to patch section of image header
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Pointer to output buffer
Size of data written into output buffer
Command file RAB
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ! CLI flags
! Descriptor for relocation buffer
! Descriptor temporary deposit buffer
```

PA

```
N 13
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
V04-000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              VAX-11 Bliss-32 V4.0-742 PATENTER: [PATCH. SRC]PATACT. B32; 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PATSGL_OLD_ASD : BLOCK[,BYTE],
PATSGL_NEW_ASD : BLOCK[,BYTE],
PATSGB_SUBST_IN : VECTOR[,BYTE],
PATSGL_FWRLHD,
PATSGL_FWRLHD,
PATSGL_TAKE CMD: BYTE,
PATSGL_CONTEXT: BITVECTOR,
PATSGL_HEAD_LST,
PATSGL_JNLRAB,
PATSGL_SEMAN1 : VECTOR,
PATSGL_IMGHDR : REF BLOCK[,BYTE],
PATSGL_PATAREA : REF BLOCK[,BYTE],
PATSGL_OLDLABLS,
PATSGL_NEWLABLS,
PATSGL_RLCLABLS,
PATSGL_SYMTBPTR,
PATSGL_SYMHEAD;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Descriptor for old contents assembler dire Descriptor for new contents assembler dire Buffer for substitution instructions Foward Reference table listhead Table of input string descriptors Flag which says continue to accept command Context word Head of command argument list Journal file RAB Token stack for parser Image header pointer Patch area descriptor pointer Pointer to listhead for old contents label Pointer to listhead for new contents un-re Pointer to listhead for new contents reloc Pointer to current symbol table listhead Listhead for user-defined symbol table
                                                                                                                                                                                                                                                                                 COMMAND VERB STRINGS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                UPLIT BYTE (%ASCIC 'AL '): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'CA M'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'CA MODU'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'CA MODU /ALL'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'CA MODU /ALL'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'CA PAT'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'CH NOT EC'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'CH EC'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'DEF'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'DEF'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'EL'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'EV'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'EV'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'EXI'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'INSE'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC '!AD'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC '!AC'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'SE EC'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'SE MODU /ALL'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'SE SC'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'SH SC'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'YX!XL'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'YX!XL'): VECTOR[,BYTE],
UPLIT BYTE (%ASCIC 'YX!XL'): VECTOR[,BYTE],
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ALIGN CMD = CANCEL MODE CMD = CANCEL MODU CMD = CANCEL SCO CMD = CANCEL PAT CMD = CANCEL PAT CMD = CHECK RECO CMD = CHECK RECO CMD = DEFINE CMD = DEFINE CMD = DEPOSIT CMD = EXAMINE CMD = EXAMINE CMD = EXAMINE CMD = INSERT CMD = SET CMD = SET MODE CMD = SET MODE CMD = SET MODU CMD = SET MODU CMD = SET SCO CMD = SET MODU CMD = SHOW MODU CMD = SHOW MODU CMD = SHOW MODU CMD = SHOW SCO CMD = UPDATE CMD = VALUE CMD =
                                                                                                                                                                                                                                                                                                                                                                                                                      BIND
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Qualifiers for align command.
```

PA

PATACT V04-000				B 14 16-Sep-1984 00:23:16 14-Sep-1984 12:52:23	VAX-11 Bliss-32 V4.0-742 Page DISK\$VMSMASTER:[PATCH.SRC]PATACT.B32;1 (2
228 229 2231 2233 2233 2233 2233 2233 2233	3270 1 3271 1 3272 1 3273 1 3274 1 3275 1 3276 1 3277 1 3278 1 LITE	ALIGN_QUAL_TBL RAL ALIGN_QUAL_LNG: NO CASE TABLE =		BYTE (ZASCII '/BYT'. ZASCII '/WOR'. ZASCII '/LON'. ZASCII '/QUA'. ZASCII '/PAG') : VECTORE, BYTE];
238 239 240 241	3280 1 3281 1 3282 1 3283 1 3284 1	ALIGN QUAL LNG: NO CASE TABLE = CASE TABLE = 1, HELP_FLAGS =	HLP\$M_PROCESS HLP\$M_GROUP HLP\$M_SYSTEM;	OR OR	Length of align qualifiers Don't print CASE dispatch tables Print CASE dispatch tables Disallow HELP prompting only. Default Logical Name Table searching to Process, Group, and System.

PAT VO4

PAT VO

```
D 14
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
V04-000
                                                                                                                                 VAX-11 Bliss-32 V4.0-742 Pa
DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
    300
301
302
303
                                   BEGIN
                                   LOCAL
                                               POINTER, DESC_PTR : REF BLOCK[,BYTE];
                                                                                                                                    Pointer to current command parameter
    Pointer to symbolic name descriptor
                                      This routine guarantees the internal consistency
                                      of PATCH, and must succeed or give up.
                                   PATSGL_SYMTBPTR = .PATSGL_SYMHEAD;
PATSINTT MODES (OVERRIDE MODE, USER_DEF_MODE);
PATSSET_MOD_LVL (USER_DEF_MODE);
PATSSET_CONTEXT ();
PATSGB_SUBST_IN[0] = 0;
PATSGL_COMQUAL = 0;
                                                                                                                                  ! Reset the current symbol table to be user-
                                                                                                                                    Allow no substitution instructions
                                                                                                                                    Set no qualifiers specified
                        3358
                        3359
                        3360
                                      Now release any symbolic name descriptors used for this command. The commands
                                      which have these string descriptors are: ALIGN, SET MODULE, CANCEL MODULE,
                        3362
3363
                                      and DEFINE.
                       3364
3365
3366
3367
3368
3369
3370
                                   if (.PAT$GL_SEMAN1[.SEMSP] EQL ALIGN_TOKEN) OR
  (.PAT$GL_SEMAN1[.SEMSP] EQL DEFINE_TOKEN) OR
  (.PAT$GL_CONTEXT[MODULE_BIT])
                                   THEN
                                               POINTER = .PATSGL_HEAD_LST;
WHILE .POINTER NEGA 0
                                               DO
                                                          DESC_PTR = .LIST_ELEM_EXP1(.POINTER);
PATSFREERELEASE(.DESC_PTR, ((.DESC_PTR[DSC$w_LENGTH] + 3) /A_LONGWORD) + 2);
POINTER = .LIST_ELEM_FLINK(.POINTER);
                                                           END:
                                               END:
    336
337
                       3378
3379
    338
339
                       3380
                                    ! Free all storage used in argument accumulation and pathname building.
                        3381
                       3382
3383
                                   PATSFREE ARG ();
PATSDELETE_PATH ();
    344123445678901233555556
                        3384
                        3385
                                      Now release any temporary buffer storage used to deposit new values into memory. This is for commands REPLACE, INSERT, and DEPOSIT.
                        3386
                        3387
                        3388
                        3389
                                    IF (.PAT$GL_TEMP_BUF[DSC$W_LENGTH] NEQ 0)
                        3390
3391
                                   THEN
                                               BEGIN
                                               3392
3393
                        3394
                        3395
                        3396
3397
3398
                                               END:
```

PAT

```
VAX-11 Bliss 32 V4.0-742 Pag
DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
                                                                                                   16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
V04-000
    357
358
359
                                        Now release any relocation buffer storage used to deposit new instructions into memory. This is for commands REPLACE and INSERT.
                         3400
                         3401
                         3402
3403
3404
3405
3406
3407
3408
     360
                                     IF (.PATSGL_RLOC_BUF[DSC$W_LENGTH] NEQ 0)
     361
362
363
                                     THEN
                                                 BEGIN
                                                 PATSFREERELEASE ( .PATSGL_RLOC_BUF[DSC$A_POINTER], (.PATSGL_RLOC_BUF[DSC$W_[ENGTH] + 3)/4);

PATSGL_RLOC_BUF[DSC$W_LENGTH] = 0;

PATSGL_RLOC_BUF[DSC$A_POINTER] = 0;
     364
     365
     366
367
                         3409
    368
369
370
                        3410
3411
3411
3413
3416
3416
3416
3421
3421
3421
3423
                                        Now release any temporary buffer storage used for the new contents assembler
                                        directive table.
    372
373
                                     IF (.PATSGL_NEW_ASD[DSC$W_LENGTH] NEQ 0)
    374
375
376
377
                                     THEN
                                                 PATSFREERELEASE ( .PATSGL NEW ASD[DSC$A POINTER], (.PATSGL NEW ASD[DSC$W_[ENGTH] + 3)/4);

PATSGL NEW ASD[DSC$W_LENGTH] = 0;

PATSGL_NEW_ASD[DSC$A_POINTER] = 0;
    378
379
     380
                                                 END:
    381
382
383
                        3424
3425
3426
3427
3428
3431
3433
3433
3435
3436
3438
                                     144
                                       Now release any temporary buffer storage used for the old contents assembler
    384
385
                                        directive table.
    386
387
                                     IF (.PATSGL_OLD_ASD[DSC$W_LENGTH] NEQ 0)
                                     THEN
    388
389
                                                 BEGIN
                                                 390
     391
    392
393
    394
395
    396
397
                                     ! There may also be some ForWard Reference table (FWR) to be released.
                         3439
     398
                         3440
                                    WHILE (.PATSGL_FWRLHD NEGA 0)
     399
                                     DO
    400
                                                 BEGIN
                                                 LOCAL
    401
    402
                                                             TEMP_PTR : REF BLOCK[.BYTE]:
                                                 TEMP_PTR = .PATSGL_FWRLHD;
PATSGL_FWRLHD = .TEMP_PTR[FWR$L_FLINK];
PATSFREERELEASE(.TEMP_PTR, (FWR$C_SIZE + 3)/4);
    403
    404
    405
    406
                                                 END:
    407
                         3450
    408
                                       Now release any space used temporarily for symbolic instruction labels on old contents of locations.
    409
    410
    411
                                     WHILE (.DLL_RLINK(.PAT$GL_OLDLABLS) NEQA .PAT$GL_OLDLABLS)
                                     20
```

VO

```
PATACT
V04-000
                                                                                                                                                         VAX-11 Bliss-32 V4.0-742 Pag
DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
                                                       BEGIN
POINTER = .DLL_RLINK(.PAT$GL_OLDLABLS);
DLL_RLINK(.PAT$GL_OLDLABLS) = .DLL_RLINK(.POINTER);
PAT$FREERELEASE(.POINTER, (.SYM_CHCOUNT(.POINTER) + 1 + 3)/4 + OVERHEAD_SYM - 1);
     Now release any space used temporarily for un-relocated symbolic instruction
                                             labels on new contents of locations.
                                          WHILE (.DLL_RLINK(.PATSGL_NEWLABLS) NEQA .PATSGL_NEWLABLS)
                                                        BEGIN
                                                       PCINTER = .DLL RLINK(.PATSGL_NEWLABLS);
DLL RLINK(.PATSGL_NEWLABLS) = .DLL RLINK(.POINTER);
PATSFREERELEASE(.POINTER, (.SYM_CHCOUNT(.POINTER) + 1 + 3)/4 + OVERHEAD_SYM - 1);
                                             Now release any space used temporarily for relocated symbolic instruction labels on old contents of locations.
                                          WHILE (.DLL_RLINK(.PAT$GL_RLCLABLS) NEQA .PAT$GL_RLCLABLS)
                                                        BEGIN
                                                       POINTER = .DLL RLINK(.PATSGL_RLCLABLS);
DLL RLINK(.PATSGL_RLCLABLS) = .DLL_RLINK(.POINTER);
PATSFREERELEASE(.POINTER, (.SYM_CHCOUNT(.POINTER) + 1 + 3)/4 + OVERHEAD_SYM - 1);
                                                        END:
                                         END:
                                                                                                                                              PATACT
\V04-000\
                                                                                                                                 .TITLE
                                                                                                                                               _PAT$PLIT, NOWRT, NOEXE, 0
                                                                                                                                 .PSECT
                                                                                                                  P.AAA:
P.AAC:
P.AAC:
P.AAC:
P.AAG:
P.AAG:
P.AAI:
P.AAI:
P.AAI:
                                                                                                                                              <3>\AL \
<4>\CA M\
<7>\CA MODU\
<12>\CA MODU /ALL\
<5>\CA SC\
<6>\CA PAT\
<9>\CH NOT EC\
<5>\CH EC\
<3>\DEF\
                                                                                                        00000
00004
00009
00011
0001E
00024
0002B
                                                                                                                                 .ASCII
                                                                            03470569534222232533355
                                                                                          444444444444444442525
                                                                                   400050E5
                                                                                                                                  .ASCII
                                                55
55
                                                                                                                                  .ASCII
                                                                                                                                 . ASCII
                                                       54
                                   43 45 20
                                                                                                        0003B
0003F
                                                                                                                                               <3>\DEF\
                                                                                                                                               <4>\DEL
                                                                                                                                               <5>/E /
                                                                                                                  P.AAL:
                                                                                                                  P.AAM:
                                                                                                                                  ASCI.
                                                                                                                   P. AAN:
                                                                             49
                                                                                                                                               <3>\EXI\
                                                                                                                  P.AAO:
                                                                                                                                  ASCI
                                                                                                                                               <2>\H \
                                                                                                                   P.AAP:
                                                                                                                                               <5>\INSE
                                                               20 45
                                                                                                                                  .ASCI
                                                                                                                  P.AAQ:
P.AAR:
P.AAS:
P.AAT:
                                                                                                                                  .ASCI
                                                                                                                                               <3>\!AD\
                                                                                                                                               <3>\RE \
                                                                                                                                  .ASCII
                                                                                                         00062
                                                                                                                                  .ASCII
                                                                                                                                               <5>\SE EC\
```

PA VO

4C 4C 41 2F

20

```
G 14
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                               VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
0006C
00071
00079
00086
             P.AAU:
P.AAV:
P.AAW:
                                .ASCII
                                                  <4>\SE M\
<7>\SE MODU\
                                                  <12>\SE MODU /ALL\
<6>\SE PAT\
<5>\SE SC\
                                 .ASCII
             P.AAX:
                                ASCII
ASCII
ASCII
00080 P.AAY:
00080 P.AAY:
00093 P.AAZ:
00098 P.ABA:
000A0 P.ABB:
000A6 P.ABC:
                                                  <4>\SH M\
                                                   <7>\SH MODU\
                                 .ASCII
                                                  <5>\SH SC\
                                                  <1>\U\
                                 .ASCII
                                                   <5>\"X!XL\
                                 .ASCII
000AE P.ABE:
000B1 P.ABF:
000B5
000B9
                                                   <2>\V \
                                 .ASCII
                                .ASCII
                                                   \/BYT\
                                 .ASCII
                                                   \/WOR\
                                 .ASCII
                                                  \/LON\
 000BD
                                 .ASCII
                                                  \/QUA\
000C1
                                                  \/PAG\
                                 _ASCII
             ISESC_SIZE==
TXTSC_SIZE==
PALSC_SIZE==
ASDSC_SIZE==
FWRSC_SIZE==
ALIGN_CMD=
CANCEL_MODE_CMD=
CANCEL_MODU_CMD=
CANCEL_SCO_CMD=
CANCEL_SCO_CMD=
CANCEL_PAT_CMD=
CHECK_N_ECO_CMD=
CHECK_ECO_CMD=
DEFINE_CMD=
DEFINE_CMD=
DEPOSIT_CMD=
                                                            16
                                                           9
                                                           P. AAA
                                                           P. AAB
                                                           P.AAC
                                                           P. AAD
                                                           P. AAE
                                                           P. AAF
                                                           P. AAG
                                                           P. AAH
                                                           P.AAI
                                                           P. AAJ
             DEPOSIT_CMD=
EXAMINE_CMD=
EVALUATE_CMD=
                                                           P. AAK
                                                           P. AAL
                                                           P. AAM
             EXIT_CMD=
HELP_CMD=
                                                           P.AAN
                                                           P.AAO
              INSERT_CMD=
                                                           P. AAP
             NAME CAD=
REPLACE CMD=
SCO NAM CMD=
SET_ECO CMD=
                                                           P.AAQ
                                                           P. AAR
                                                           P.AAS
                                                           P.AAT
             SET_ECO_CMD=
SET_MODE_CMD=
SET_MODU_CMD=
SET_MOD_ALL_CMD=
SET_PAT_CMD=
SET_SCO_CMD=
SHOW_MODU_CMD=
SHOW_MODU_CMD=
SHOW_SCO_CMD=
UPDATE_CMD=
VALUE_CMD=
VERIFY_CMD=
ALIGN_DUAL_TBL=
                                                           P.AAU
                                                           P. AAV
                                                           P.AAW
                                                           P.AAX
                                                           P. AAY
                                                           P.AAZ
                                                           P.ABA
                                                           P.ABB
                                                           P.ABC
                                                           P. ABD
                                                           P.ABE
                                                           P. ABF
              ALIGN_QUAL_TBL=
                                                 PATSFAO OUT, LBRSOUTPUT HELP
LIBSGET INPUT, LIBSPUT OUTPUT
PATSADD PAL, PATSALIGN CMD
                                 EXTRN
                                .EXTRN
```

55555555555627C10

580594F 4F 541 07065475152FFFFF

44455445

58

```
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                                                                                                     VAX-11 Bliss-32 V4.0-742 Particles P
                                                                                                                                               PATSDELETE PATH
PATSCANC MODULE
PATSDEFINE SYM, PATSDEPOSIT CMD
PATSECO CMDS, PATSEXAMINE CMD
PATSFAO PUT, PATSFILL BUF
PATSFREE ARG, PATSFREEREL ASE
PATSINIT MODES, PATSMAP ADDR
PATSOPEN COMFIL
PATSOUT MEM LOC
PATSOUT PAL EXP
PATSREPEACE CMD
PATSRESET DEF, PATSSAVE SCOPE
PATSSET MODULE, PATSSET MOD LST
PATSSET MODULE, PATSSHOW MODULE
PATSSET NEW MOD
PATSSHOW SCOPE, PATSWRITE INS
PATSWRITEFILE, PATSWRITE INS
PATSWRITEFILE, PATSWRITE INS
PATSWRITE NAME, PATSWRITE INS
PATSWRITE NAME, PATSWRITE INS
PATSGL HEEP LIN
PATSGB MOD PTR, PATSGL COMQUAL
PATSGL SP PTR, PATSGL COMQUAL
PATSGL SP PTR, PATSGL COMQUAL
PATSGL FLAGS, PATSGL COMRAB
PATSGL FLAGS, PATSGL COMRAB
PATSGL TEMP BUF
PATSGL
                                                                                    .EXTRN
                                                                                       .EXTRN
                                                                                      .EXTRN
                                                                                       .EXTRN
                                                                                       .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                       .EXTRN
                                                                                       .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                       .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                       .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                     .EXTRN
                                                                                     .EXTRN
                                                                                     .EXTRN
                                                                                      .EXTRN
                                                                                      .EXTRN
                                                                                                                                                       ACCESS_CHECK
                                                                                      . WEAK
                                                                                                                                                     _PAT$CODE_NOWRT_2
                                                                                   .PSECT
                                                                                                                                                     PATSEND_OF_CMD, Save R2,R3,R4,R5,R6,R7,R8,-; 3285
                                                                                    .ENTRY
                                                                                                                                                 PATSGL_FWRLHD, R9
PATSGL_OLD_ASD, R8
PATSGL_NEW_ASD, R7
PATSGL_RLOT_BUF, R6
PATSGL_TEMP_BUF, R5
                                                                                   MOVAB
                                                                                 MOVAB
                                                                                   MOVAB
                                                                                   MOVAB
                                                                                 MOVAB
                                                                                                                                                     PATSFREERELEASE, R4
PATSGL_SYMHEAD, PATSGL_SYMTBPTR
                                                                                 MOVAB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3352
3353
                                                                                   MOVL
                                                                                   PUSHL
                                                                                                                                                     #2, PATSINIT_MODES
                                                                                   PUSHL
                                                                                   CALLS
                                                                                   PUSHL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3354
```

03FC 00000

9E 9E 9E 9E 9E 9E 9D

DD

00002

00009

00010

00017

0001E

00025 0002C 00037

00039

0003B

00042

00000000G

00000000G

00000000G

00000000G

00000000G

00000000G

00

00000000G

00000000G 00

	I 14 16-Sep-198 14-Sep-198	4 00:23 4 12:52	:16	VAX-11 Bliss-32 V4.0-742 Page DISK\$VMSMASTER:[PATCH.SRC]PATACT.B32;1	14
a	,		44.0	DATACET MOD LIVI	

	00000000G	00	000000006 000000006 000000006	1 FE 0 FE 0 94 0 D4 0 D1	00044 0004B 00052 00058 00055 00062		CALLS CALLS CLRB CLRL MOVL MOVL CMPL	#1, PATSSET_MOD_LVL #0, PATSSET_CONTEXT PATSGB_SUBST_IN PATSGL_COMQUAL SEMSP, RO PATSGL_SEMAN1[RO], RO RO, #1	3355 3356
		50	000000000000000000000000000000000000000	0 04	00058		CLRL	PATSGL COMQUAL	: 33571
		50	000000000004	0 DC	00062		MOVL	PATSGL_SEMANTEROJ, RO	3364
		01	5	0 D1	0006A		CMPL	RO, #1 1\$	
		05	5	0 01	0006F		CMPL	RO. #5	3365
			00000000G 00000000G 04	8 13 0 95 3 18	00072		BEQL	1\$ PATSGL_CONTEXT	3366
		52	000000000 0	3 18 0 00	0007A	\$:	BGEQ MOVL	PATSGL_HEAD_LST, POINTER	3369
			2/	0 DC	00083	\$:	BEQL	3\$: 3370
		53 50 50 50	04 A	2 DC	00085		MOVL MOVZWL	4(POINTER), DESC_PTR (DESC_PTR), RO	; 3373 ; 3374
		50	0	3 CC) NOORC		ADDL2 DIVL2 PUSHAB	#3, R0 #4, R0 2(R0) DESC_PTR #2, PAT\$FREERELEASE	
		70	02 A	0 9	00092		PUSHAB	2(40)	
		64	5	3 DC 2 FE	00095		PUSHL	M2. PATSFREERELEASE	
		52	0	2 00	AP000		MOVL	(PUINIEK), PUINIEK	3375 3370
	000000006	00	E 0 0	4 11 0 FE	0009F	58:	MOVL BRB CALLS	NO. PATSFREE ARG	: 3382
	00000000G	50	0	0 FE 0 FE 5 30	000A6 000AD		CALLS	MO, PATSDELETE PATH PATSGL_TEMP_BUF, RO	3383
			6	2 13	5 000B0		BEQL	45	
7E		50	ŏ	3 CC	000B5		ADDL2 DIVL3	#3, R0 #4, R0, -(SP)	3393
		64	04	5 DC 2 FE	000B9		PUSHL	W4, R0, -(SP) PATSGL TEMP BUF+4 W2, PATSFREERELEASE	3392
		04	04	5 B4	000BF		CLRW	PATSGL_TEMP_BUF	3394
		50	04 A	5 D4		\$:	CLRL	PATSGL_TEMP_BUF PATSGL_TEMP_BUF+4 PATSGL_RLOC_BUF, RO	3395
			6 1 0	2 13 3 CC	000C7		BEQL ADDL2))	3406
7E		50 50	0	4 C7	, 00000		DIVL3	#/ DA -/CD)	
		64	04 A	6 DE 2 FE			PUSHL	PATSGL RLOC BUF+4 #2 PATSFREFRELEASE	3405
		01	04	6 B4	00006		CLRW	PATSGL_RLOC_BUF	3407
		50	6	7 30	80000 80000	55:	CLRW CLRL MOVZWL	PATSGL_NEW_ASD, RO	3408
			04	2 13	000DE 000E0 000E3		BEQL ADDL2 DIVL3	PATSGL RLOC BUF+4 #2, PATSFREERELEASE PATSGL RLOC BUF PATSGL RLOC BUF+4 PATSGL NEW ASD, RO 6\$ #3, RO	3419
7E		50 50	Ŏ	3 (0	000E3		DIVLS	#3, R0 #4, R0, -(SP) PATSGL NEW ASD+4 #2, PATSFREERELEASE PATSGL NEW ASD PATSGL NEW ASD+4 PATSGL NEW ASD+4	:
		64	04	DE DE	000E7		CALLS	#2. PATSFREERELEASE	3418
			04	7 B4	OOOED		CLRW	PATSGL_NEW_ASD	3420 3421
		50	04 A	7 DE FE 7 DA 8 3 C C C C C C C C C C C C C C C C C C	000ED 000EF 000F2 000F5 000F7	58:	CLRW CLRL MOVZWL BEQL ADDL2 DIVL3	PATSGL OLD ASD, RO	3428
		50	6	3 (6	000F5		ADDI 2	/5 //3 RO	3432
7E		50 50	0	4 67	000FA		DIVLS	#4, R0, -(SP)	3431
		64	04	8 DE	00101		PUSHL CALLS CLRW	#2, PATSFREERELEASE	•
			04 A	4 C7 8 D0 2 F8 8 B4	00104		CLRW	PATSGL_OLD_ASD, RO 7\$ #3, RO #4, RO, -(SP) PATSGL_OLD_ASD+4 #2, PATSFREERELEASE PATSGL_OLD_ASD PATSGL_OLD_ASD+4	3433 3434
			V4 A	0			CENE	I WI AAR ARD WAR I	

PAT	ACT
V04	-000

				16-Sep	-1984 00:23 -1984 12:52	:16 VAX-11 Bliss-32 V4.0-742 :23 DISK\$VMSMASTER:[PATCH.SRC]PATACT.B3	Page 15
50		69 D	0 0010	9 75:	MOVL	PATSGL_FWRLHD, RO	; 3440
69		69 D 0C 1 60 D 06 D	0 0010 D 0011	Ē	BEQL MOVL PUSHL	8\$ (TEMP_PTR), PAT\$GL_FWRLHD #6 TEMP_PTR	3446 3447
64		02 F	B 0011	5	PUSHL	#2. PATSFREERELEASE	7//0
50 50	0000000G	60 D	0 0011	A 85:	BRB MOVL (MPL BEQL	7\$ PAT\$GL OLDLABLS, RO (RO), RO 9\$	3440
52 60 50 50	0C 03	60 D 62 D A2 9 04 C	0 0012 0 0012 0 0013 0 0013 6 0013	6 C 0 3	MOVL MOVZBL ADDL2 DIVL2 PUSHAB	(RO), POINTER (POINTER), (RO) 12(POINTER), RO #4, RO #4, RO 3(RO)	3457 3458 3459
64		A0 9 52 D 02 F	D 0013 B 0013 1 0013	9 B	PUSHL	POINTER M2. PATSFREERFLEASE	•
50 50	000000006	DA 1 00 D 60 D	0 0014	9\$:	BRB MOVL CMPL	PATSGL NEWLABLS, RO (RO), RO	3454 3466
52 60 50 50	ОС	60 D 62 D A2 9 04 C	3 0014 0 0014 0 0014 A 0015 0 0015	F 2	BEQL MOVL MOVL MOVZBL ADDL2 DIVL2	10\$ (RO), POINTER (POINTER), (RO) 12(POINTER), RO #4. RO	3469 3470 3471
,,,	03	A0 9	F 0015	ic	PUSHAB PUSHL	#4, R0 3(RO) POINTER	
64		02 F	B 0016	į	CALLS	#2. PATSFREERELEASE	3466
50 50	000000006	00 D	0 0016 1 0016 3 0017	6 10\$:	MOVL CMPL BEQL	PATSGL RLCLABLS, RO (RO), RO 11\$	3478
52 60 50 50	00	60 D 62 D A2 9	0 0017 0 0017 0 0017 0 0017 6 0017	2 8 C	MOVL MOVZBL ADDL2 DIVL2	(RO), POINTER (POINTER), (RO) 12(POINTER), RO #4, RO #4, RO 3(RO)	3481 3482 3483
64	03	52 D 02 F DA 1	0018 00 0018 00 0018 1 0018 1 0018	5 17 18 10 11\$:	PUSHAB PUSHL CALLS BRB RET	POINTER #2 PATSFREERELEASE 10\$	3478 3485

; Routine Size: 397 bytes, Routine Base: _PAT\$CODE + 0000

```
K 14
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                                    VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
PATACT
V04-000
    445
                                    GLOBAL ROUTINE PATSEND_OF_LINE (SEMSP) : NOVALUE =
                        4445123456789012345667890123456789012345678901234567890123456789012345678901234567890123456789012345678901
                                       FUNCTIONAL DESCRIPTION:
                                                Calls the PATSEND_OF_CMD to reset all patch context that is exclusive to a singe PATCH command. This includes resetting default modes from single line overrides back to the actual default modes and
                                                resetting a large number of context bits. In addition, any free storage required temporarily is released.
                                                Also, the command line buffer is released.
                                       CALLING SEQUENCE:
                                                PATSEND_OF_LINE (SEMSP)
                                       INPUTS:
                                                SEMSP - Offset to command verb on parse stack
                                       IMPLICIT INPUTS:
                                                PATSCP_INP_DSCS - Address of vector of command line buffer descriptors,
                                                                            first languard of which is count of descriptors
                                       OUTPUTS:
                                                none
                                       IMPLICIT OUTPUTS:
                                                none
                                       ROUTINE VALUE:
                                                none
                                       SIDE EFFECTS:
                                                Defaults are reestablished. The command line buffer space is released.
                                    BEGIN
                        3531
3532
3533
3534
3535
3536
3537
3538
3539
                                    LOCAL
                                                 temp_loc;
                                       This routine guarantees the internal consistency of PATCH, and must succeed or give up.
                                    PATSEND_OF_CMD(.SEMSP);
                        3540
3541
3542
                                       Now release the command line buffer space.
```

PA VO

```
L 14
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
VO4-000
                                                                                                                                                                VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
     503
503
506
506
507
508
511
513
513
515
                             3543
35445
355467
355490
13555
3555
3555
3555
3555
                                            INCR LOOP FROM 1 TO .PATSCP_INP_DSCS[0]+2 BY 2
                                                          IF .PATSCP_INP_DSCSE.LOOP3 NEQ 0 THEN
                                                                       ELSE
                                                                         RETURN;
                                           END:
                                                                                                   001C 00000

9E 00002

DD 00009

FB 0000C

DO 00011

78 00014

CE 00018

11 0001B

DO 0001D 1$:

D5 00020

13 00025

7 0002A

D 00032

00032
                                                                                                                                       .ENTRY
                                                                                                                                                     PATSEND_OF_LINE, Save R2,R3,R4
PATSCP_INP_DSCS, R4
SEMSP
                                                                                                                                                                                                                                          3486
                                                                                                 00
AC
01
                                                                       54 00000000G
                                                                                                                                       MOVAB
                                                                                        04
                                                                                                                                                                                                                                          3539
                                                                                                                                       PUSHL
                                                                                                                                                     #1, PATSEND OF CMD
PATSCP INP DSCS, RO
#1, (RO), R3
                                                                       CF
50
60
52
                                                          FE62
                                                                                       CALLS
                                                                                                                                                                                                                                          3544
                                                                                                                                       MOVL
                                              53
                                                                                                                                       ASHL
                                                                                                                                       MNEGL
                                                                                                                                                      #1. LOOP
                                                                                                                                       BRB
                                                                                                                                                      PATSCP_INP_DSCS, RO (RO)[LUOP]
                                                                                                                                       MOVL
                                                                       50
                                                                                                                                                                                                                                          3546
                                                                                                                                       BEQL
ADDL3
DIVL3
                                                                                                                                                     #3, (RO)[LOOP], R1
                                                                   6042
                                                                                                                                                                                                                                          3550
                                                                                                                                                     #3, (R0)LLOOPJ, R1
#4, R1, -(SP)
4(R0)[LOOP]
#2, PAT$FREERELEASE
PAT$CP_INP_DSCS, R0
(R0)[LOOP]
4(R0)[LOOP]
R3, #2, LOOP, 1$
                                                                                                                                       PUSHL
                                                                                                                                                                                                                                          3549
                                                                       00
50
                                                   0000000G
                                                                                                                                       MOVL
                                                                                                                                                                                                                                          3551
                                                                                                                                       CLRL
                                                                                                             0003C
                                                                                                        04
                                                                                                                                                                                                                                          3552
3546
3556
                                                                                                             0003F
                                                                                                             00043 2$:
00049 3$:
                                                                       02
                                                                                                                                       ACBL
                FFD4
                                              52
```

RET

VO

; Routine Size: 74 bytes. Routine Base: _PAT\$CODE + 018D

VQ

```
N 14
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                      VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
PATACT
V04-000
   (.PATSGB_EXEC_(MD) OR
(.PATSGL_CONTEXT[SET_ECO]) OR
(.PATSGL_SEMAN1E.SEMSP] EQL_EXIT_TOKEN)
                                          BEGIN CASE .PATSGL_SEMAN1 [.SEMSP] FROM ALIGN_TOKEN TO VERIFY_TOKEN OF
                                           SET
                                           [ALIGN_TOKEN]:
                                                     IF .PATSGL_FLAGS [PATSS_ABSOLUTE]
THEN
                                                           SIGNAL (PATS_INVCMDABS)
                                                           PATSALIGN_CMD ();
                                           [CANCEL_TOKEN]:
                                                     IF .PATSGL_CONTEXT[MODE_BIT]
THEN
                                                           PATSRESET_DEF()
                                                         .PATSGL_FLAGS [PATSS_ABSOLUTE]
                                                           SIGNAL (PATS_INVCMDABS)
                                                     SELECTONE TRUE OF SET
                                                     [.PAT$GL_CONTEXT[PAT_AREA_BIT]]:
                                                                PATSGL_PATAREA = CHSPTR(PATSGL_IHPPTR[IHP$L_RW_PATSIZ], 0);
                                                     [.PATSGL_CONTEXT[MODULE_BIT]]: PATS(ANC_MODULE();
                                                     [.PAT$GL_CONTEXT[SCOPE_BIT]]:
PAT$SAVE_SCOPE(FALSE);
    611
   612
                                                     TES:
    614
    615
                                           [CHECK_TOKEN]:
                                                     IF .PATSGL_FLAGS [PATSS_ABSOLUTE] THEN
    616
617
618
619
                                                           SIGNAL (PATS_INVCMDABS)
                                                     ELSE
                                                           PATSECO_CMDS ();
   620
621
622
623
624
625
626
627
628
629
630
                                           [CREATE_TOKEN]:
PATSOPEN_COMFIL(0, 0);
                                           [DEFINE_TOKEN]:
                                                     LOCAL
                                                                POINTER:
```

PA VO

```
PATACT
V04-000
                                                                                        16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                         VAX-11 Bliss-32 V4.0-742 Pa
DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
                                                       POINTER = .PATSGL_HEAD_LST;
    6533456533890123456448
644456448
                      3672
3673
3674
3675
3676
3677
3678
3679
                                                       WHILE (. POINTER NEQ 0)
                                                       DO
                                                                  BEGIN
                                                                  PATSDEFINE SYM (.LIST_ELEM_EXP1 (.POINTER), .LIST_ELEM_EXP2 (.POINTER), TRUE);
POINTER = .LIST_ELEM_FLINK (.POINTER);
                                                       END:
                                            [DELETE_TOKEN]:
                                                       BEGIN
                                                       PATSGL_CONTEXT [DELETE_BIT] = TRUE;
                                                       PATSDEPOSIT_CMD ();
                                                       END:
                                            [DEPOSIT_TOKEN]: PATSDEPOSIT_CMD ();
    649
650
651
                                            [EXAMINE TOKEN]:
                      3690
                      3691
3692
                                                       PATSGL CONTEXT [EXAMINE_BIT] = TRUE;
                                                       PATSEXAMINE_CMD ();
                                                       END:
                      3694
3695
3696
                                            [EVALUATE_TOKEN]:
    656
657
                                                       BEGIN
                      3697
                                                       LOCAL
                                                       POINTER;
POINTER = .PATSGL_HEAD_LST;
    658
                      3698
    659
                      3699
                      3700
                                                       WHILE (.POINTER NEQ 0)
    660
    661
                                                       DO
    662
                                                                  BEGIN
                                                                  PATSOUT_MEM_LOC (LIST_ELEM_EXP1 (.POINTER), 0, CASE_TABLE);
POINTER = . LIST_ELEM_FLINK (.POINTER);
    664
    665
                                                                  END:
    666
                                                       END:
    667
    668
                                            [EXIT_TOKEN]:
    669
                                                       BEGIN
                                                       PATSGB_TAKE_CMD = FALSE;
IF (.PATSGL_FLAGS AND PATSM_UPDATE) NEQ 0
                                                       THEN
                                                                  ECOLVL PTR = CH$PTR(PAT$GL_IHPPTR[IHP$L_ECO1], 0);
INCR BIT_NUMBER FROM PAT$K_MIN_ECO-1 TO PAT$K_MAX_ECO-1
    675
    676
                                                                             IF .PAT$GL_ECO_UPD[.BIT_NUMBER]
    678
                                                                                        IF NOT .ECOLVL_PTR[.BIT_NUMBER]
    680
                                                                                        THEN
    681
                                                                                                   SIGNAL (PAT$_NOUPDATE, 1, .BIT_NUMBER+1);
                                                                  END:
                                                       END;
    684
    685
                                            [HELP_TOKEN]:
                                                       LBRSOUTPUT_HELP (LIBSPUT_OUTPUT,,PATSGL_HELP_LIN, %ASCID 'PATCHHELP', %REF (HELP_FLAGS), LIB
    686
    687
```

PA

```
PATACT
V04-000
                                                                                                                     16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                                                                 VAX-11 Bliss-32 V4.0-742
DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
                                                          [INSERT_TOKEN]:
    BEGIN
    IF (NOT .PAT$GB_MOD_PTR[MODE_INSTRUC])
     688
689
690
     691
                                                                         SIGNAL (PATS INVCMDABS);
PATSGL_CONTEXT [INSERT_BIT] = TRUE;
    PATSREPLACE_CMD ();
                                                          [REPLACE_TOKEN]: PAT$REPLACE_CMD ();
                                                          [SET_TOKEN]:
                                                                         IF .PATSGL_CONTEXT[MODE_BIT]
THEN
                                                                                        BEGIN
                                                                                          The "SET MODE" command verb must be written to the indirect command file here as the modes to be "SET" are output in PAT$SET_MOD_LST and the information lost. Therefore, only the "EXIT" to the "NEW>" prompt will be output in the routine, WRITE_CMD.
                             3748
3749
3750
                                                                                        PAT$WRITEFILE(.SET_MODE_CMD[0], SET_MODE_CMD[1], PAT$GL_COMRAB);
                                                                                        PAT$SET_MOD_LST (USER_DEF_MODE);
                             3754
3755
3756
3757
3758
                                                                         ELSE
                                                                         IF .PAT$GL_FLAGS [PAT$S_ABSOLUTE]
                                                                                SIGNAL (PAT$_INVCMDABS)
                             3759
                             3760
                             3761
                                                                        SELECTONE TRUE OF
                             3762
3763
3764
3765
3766
3767
                                                                        [.PAT$GL_CONTEXT[SCOPE_BIT]]:
                                                                                        PATSSAVE_SCOPE (TRUE);
                                                                         [.PAT$GL_CONTEXT[SET_ECO]]:
                                                                                        PATSECO_CMDS ();
                             3769
3770
3771
                                                                        [.PATSGL_CONTEXT[PAT_AREA_BIT]]:
                             3772
3773
                                                                                        PATSMAP_ADDR(.LIST_ELEM_EXP1(.PATSGL_HEAD_LST),
PATSGL_PATAREA, ISE_PTR);
                             3774
3775
3776
3777
3778
3779
3781
3782
3783
3784
                                                                                         The SET PATCH_AREA command may have a /INITIALIZE=size expression
                                                                                         qualifier included. If its present, then check first that the size value is not larger than the patch area. If size is to big then, we
                                                                                         assure that sufficient space exists to accommodate the patch area descriptor plus a longword (12 bytes). If space does exists then we set the default size to the size of the unused portion of the patch area image section, informing the user of course. Else, we signal
                                                                                        lan informative error message stating the address and amount of space lavailable. Next, check to make sure that the patch area has not already
```

VO

```
VO
```

```
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
V04-000
                                                                                                                                             VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
                                                                              been initialized. If it has, issue a warning to the user and set up the descriptor info. If it has not been previously initialized then take the size value and insert it into the first long word of the patch area and
     745
746
747
                          3785
3786
3787
3788
3789
3790
3791
3792
     748
                                                                               set the second long word to point to the succeeding long word (eg. .+4).
     749
750
751
752
753
754
755
756
757
                                                                               *** NOTE *** The size value that is inserted into the first long word is reduced by 8 (the size of the descriptor) to reflect the fact that
                                                                                 we have eaten up this space with the descriptor.
                          3794
3795
3796
3797
3798
                                                                                          Also note, that since the address of the patch area is synomous
                                                                                 with the address of the patch area descriptor, updating the pointer
                                                                                PATSGL_PATAREA is not necessary.
                                                                                          IF (.PATSGL_CONTEXT [INIT_PAT_BIT]) THEN
BEGIN
BIND PATCH_AREA = .PATSGL_PATA
                          3799
     760
                          3800
                                                                                                                    PATCH_AREA = .PAT$GL_PATAREA : VECTOR [, LONG],
FIRST_AVAIL_ADR = LIST_ELEM_EXP1[.PAT$GL_HEAD_LST],
INITIAL_SIZE = LIST_ELEM_EXP2[.PAT$GL_HEAD_LST];
     761
                          3801
     762
763
                          3802
3803
                          3804
3805
3806
3807
     764
765
                                                                                                       LOCAL
     766
767
                                                                                                                    AVAIL_BYTE_CNT,
                                                                                                                                                                                     !Number of available
                                                                                                                    ISD_PTR : REF BLOCK [, BYTE];
                                                                                                                                                                                     !Points to the curre
     768
769
                          3808
                                                                                                       ISD_PTR = CH$PTR (.ISE_PTR, ISE$C_SIZE);
AVAIL_BYTE_CNT = (.ISD_PTR[ISD$W_PAGCNT] * 512)
                          3809
                          3810
3811
3812
3813
3814
3815
3816
3817
3818
3820
3821
3822
3823
     770
                                                                                                                                 - (.FIRST_AVAIL_ADR - (.ISD_PTREISD$L_VPNPFC] * 512)
     771
    772
                                                                                                       IF (.AVAIL_BYTE_CNT LSS 12) THEN
                                                                                                                                                                                     !Can we accomodate t
                                                                                                                   SIGNAL (PATS NOPATAREA, 2, FIRST AVAIL ADR, AVAIL BYTE CNT PATSEND OF LINE (.SEMSP);
RETURN FALSE
     774
     775
     776
777
                                                                                                                    RETURN FALSE
                                                                                                                                                                                     !Go process next com
     778
779
                                                                                                                    END:
                                                                                                       IF ((.INITIAL_SIZE LEQ 0) OR (.INITIAL_SIZE GTR .AVAIL BYTE_CNT)) THE BEGIN Set the default pat
     780
     781
782
783
784
785
786
787
                                                                                                                    INITIAL SIZE = .AVAIL BYTE CNT; IF (.PATCH_AREA[0] LEG 0) THEN
                                                                                                                                                                                      available space in
                                                                                                                                                                                      Should the user be
                          3824
3825
3825
3827
3827
3828
3829
3830
                                                                                                                     SIGNAL (PATS BADINITSZ, 1, .INITIAL_SIZE - 8); YES, they wil
                                                                                                                                                                                     !signalling the adju
     788
789
                                                                                                       IF (.PATCH_AREA[O] LEQ O) THEN
                                                                                                                                                                                     !Initialize a descri
                                                                                                                    BEGIN
     790
791
                                                                                                                    PATCH_AREA[0] = .INITIAL_SIZE - 8;
PATCH_AREA[1] = .FIRST_AVAIL_ADR + 8;
                                                                                                                                                                                      area in the first t
                                                                                                                                                                                      patch area. Adjust
     792
793
                          3832
3833
                                                                                                                                                                                      address values to r
                                                                                                       ELSE
                          3834
3835
3836
3837
3838
     794
795
                                                                                                                                                                                     !Patch Area was prev
                                                                                                                    SIGNAL (PATS_PREVINIT);
     796
797
798
799
                                                                                                       END:
                                                                             PATSADD_PAL(.PATSGL_PATAREA[DSCSA_POINTER],
.PATSGL_PATAREA[DSCSA_POINTER]+.PATSGL_PATAREA[DSCSW_LENGTH],
                          3839
     800
                          3840
                                                                                          PALSK_ADD_PAREA);
                                                                              END:
     801
```

```
E 15
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
V04-000
                                                                                                                                              VAX-11 Bliss-32 V4.0-742
DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
    802
803
804
805
806
807
808
                                                                [.PATSGL_CONTEXT[MODULE_BIT]]:
PATSSET_MODULE(0);
                                                                TES:
                                                    [SHOW_TOKEN]:
                                                                IF .PAT$GL_CONTEXT[MODE_BIT]
THEN
    810
811
                                                                       PATSSHOW_DEFAL ()
    812
813
814
815
816
817
                                                                ELSE
                                                                IF .PAT$GL_FLAGS [PAT$S_ABSOLUTE]
                                                                       SIGNAL (PATS_INVCMDABS)
    818
                                                                SELECTONE TRUE OF
    [.PAT$GL_CONTEXT[SCOPE_BIT]]:
PAT$SHOW_SCOPE ();
                         [.PATSGL_CONTEXT[MODULE_BIT]]: PATSSHOW_MODULE();
                                                                [.PAT$GL_CONTEXT[PAT_AREA_BIT]]:
BEGIN
                                                                            $FAO_TT_OUT('current patch area size: !XL',
.PAT$GL_PATAREA[DSC$W_LENGTH]);
$FAO_TT_OUT('current patch area address:
.PAT$GL_PATAREA[DSC$A_POINTER]);
                                                                             END:
                                                                TES:
                                                   [UPDATE_TOKEN]:
                                                                PATSWRTIMG():
                                                  [verify_token]:
    BEGIN
    PAT$GL_CONTEXT[verify_Bit] = TRUE;
    PAT$REPLACE_CMD ();
    841
842
843
    844
845
846
847
                                                                IF .PATSGL_SEMANT[.SEMSP] EQL EOL_TOKEN
     848
    849
850
                                                                             BEGIN
PATSEND OF LINE (.SEMSP);
RETURN FALSE
    851
852
853
854
855
856
857
                          3892
3893
                          3894
                                                   TES;
END;
                          3895
                          3897
    858
                                         Now output the command to the appended patch command text. Since the command
```

VC

```
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                             VAX-11 Bliss-32 V4.0-742 Page DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
PATACT
V04-000
    859
860
861
                                     has already been successfully executed, call WRITE_CMD to reconstruct the command and write it to the command file, if desired. PAT$WRITEFILE
                       3900
                       3901
                                     handles output to the command file and to the appended patch command text
                       3902
3903
    862
863
864
865
                                     buffers, PATSGL_TXTxxxx.
                       3904
                                  WRITE_CMD(.SEMSP);
                       3905
    866
867
                       3906
3907
3908
3909
3910
33911
33916
33916
33916
33918
33919
                                     Check for end of command line. If this is the end of the command line, then
    868
                                     prompt for another command otherwise process the next command in this command
    869
870
871
                                     line.
                                  IF (.PATSGL_SEMAN1 [.SEMSP + PATSK_SPOS_ONE] EQL EOL_TOKEN)
                                             PATSEND OF LINE(.SEMSP);
RETURN FALSE;
                                              END
                                  ELSE
                                             PATSEND_OF_CMD (.SEMSP);
    880
                                  RETURN TRUE:
    881
                                     L1:3726
   INFO#212
  Null expression appears in value-required context
                                                                                                          .PSECT
                                                                                                                     _PAT$PLIT,NOWRT,NOEXE,0
                                                                                      000C5
000C8
                                                                                                          .BLKB
                                                                                                          .ASCII
                                                                                                                     \PATCHHELP\<0><0><0>
                                                             43
                                                                                              P.ABH:
                      00
                            00
                                                        48
                                                                         41
                                                                       010E0009
                                                                                      000D4 P.ABG:
                                                                                                          . LONG
                                                                                                                     17694729
                                                                       00000000
                                                                                      80000
                                                                                                          .ADDRESS P.ABH
                                                                                              P.ABI:
                                                                                      OOODC
                                                                                                          .BYTE
                                                                                      00000
                                                                                                          .ASCII
                                                                                                                     \current patch area size:\<9>\!XL\
     20
                                                                                      000EC
                                                                                      000F9 P.ABJ:
                                                                                      000FA
                                                                                                          .ASCII
                                                                                                                     \current patch area address:\<9>\!XL\
                                                                                      00109
                                                                                      00118
                                                                                                                     _PAT$CODE,NOWRT,2
                                                                                                          .PSECT
                                                                                                                    PATSPERFORM_CMD, Save R2,R3,R4,R5,R6,R7,R8,-: 3557
R9,R10,R11
P.ABG, R11
LIB$SIGNAL, R10
PAT$GL_PATAREA, R9
PAT$GL_FLAGS, R8
PAT$GL_CONTEXT, R7
-140(SP), SP
PAT$GB_EXEC_CMD, 1$
3615
%2, PAT$GL_CONTEXT+2, 1$
SEMSP, R0
                                                                               OFFC 00000
                                                                                                          .ENTRY
                                                            000000000
0000000006
                                                                                      00002
                                                                                                          MOVAB
                                                                                 9E
9E
9E
9E
9E
9E
                                                                            00
00
00
00
00
00
00
00
00
                                                                                      00009
                                                                                                          MOVAB
                                                                                      00010
                                                                                                          MOVAB
                                                            0000000G
                                                                                      00017
                                                                                                          MOVAB
                                                            00000000G
                                                                                      0001E
                                                                                                          MOVAB
                                                                                      00025
                                                                                                          MOVAB
                                                                                                                                                                                       3615
3616
3617
                                                                                      0002A
00031
                                                            0000000G
                                                                                                          BLBS
                                                 02
                                    0E
                                                        A7
50
                                                                                                          BBS
                                                                     04
                                                                                  DO
                                                                                      00036
                                                                                                          MOVL
                                                                                                                      SEMSP, RO
```

V0

DO 13

DD 70

52 00000000G

40

00 52

0000000G

000000006

00009

000E0 000E2 000E4

000E8

OOOEF

000F2 000F4

000F9

168:

MOVL

BEQL

PUSHL

PVOM

MOVL

BRB

CALLS

BISB2

CALLS

PATSGL_HEAD_LST, POINTER

4(POINTER), -(SP) #3, PATSDEFINE_SYM

(POINTER), POINTER

#64, PATSGL_CONTEXT+2 #O, PATSDEPOSIT_CMD

V(

3671

3672 3675

					1	H 15 6-Sep-1 4-Sep-1	984 00:23 984 12:52	:16 VAX-11 Bliss-32 V4.0-742 :23 DISK\$VMSMASTER:[PATCH.SRC]PATACT.B3	Page 26 2;1 (5)
	00000000G	A7 00		90 77	11 00100 88 00102 FB 00106 11 0010D	18\$:	BRB BISB2 CALLS BRB	24\$ #1, PAT\$GL_CONTEXT+1 #0, PAT\$EXAMINE_CMD 26\$	3691 3692 3620
		52	0000000G		DO 0010F 13 00116 DD 00118	19 \$: 20 \$:	MOVL BEQL PUSHL CLRL	PATSGL_HEAD_LST, POINTER 26\$ #1	3620 3699 3700 3703
	000000006	00	04	A2	9F 0011C FB 0011F D0 00126		PUSHAB CALLS MOVL	-(SP) 4(POINTER) #3. PATSOUT MEM LOC (POINTER), POINTER	3704
51		68 53	00000000G	00 04 00	94 0012B E1 00131 D0 00135	215:	BRB CLRB BBC MOVL	PATSGB_TAKE_CMD #4, PATSGL_FLAGS, 26\$ PATSGL_IHPPTR, ECOLVL_PTR BIT_NUMBER BIT_NUMBER, PATSGL_ECO_UPD, 23\$	3700 3710 3711 3714
12 0E	000000006	00 63	01	52 52 A2	D4 0013C E1 0013E E0 00146 9f 0014A		CLRL BBC BBS PUSHAB	1(BIT_NUMBER)	3715 3717 3719 3721
		4.4	00608018	8F	DD 0014D DD 0014F FB 00155		PUSHL	#1 #7176219 #3, LIB\$SIGNAL	
DE		6A 52	0000007F	8F 78	F3 00158	235:	CALLS AOBLEQ BRB	#127, BIT_NUMBER, 22\$	3717
	04	AE	00000000G 04	00 0E AE	11 00160 9F 00162 DO 00168 9F 0016C DD 0016F	24 \$: 25 \$:	PUSHAB MOVL PUSHAB PUSHL	LIB\$GET_INPUT #14, 4(SP) 4(SP) R11	3620 3726
			000000006	00	9F 00171		PUSHAB	PATSGL_HELP_LIN -(SP)	
	00000000G	00	000000006	00	04 00177 9F 00179 FB 0017F 11 00186	26\$:	PUSHAB CALLS BRB	LIBSPUT_OUTPUT_HELP 36\$	
		50	000000006	00	DO 00188 E8 0018F	27\$:	MOVL BLBS	PATSGR MOD PTR RO	3730
		6A A7	006DBE82	8F	AA AAAA		PUSHL	3(RO) 28\$ #7192194 #1, LIB\$SIGNAL #128, PAT\$GL_CONTEXT+2	3732
	02		80	8F)175	FB 00199 88 00190 31 001A1 E9 001A4 9F 001A7	28\$:	CALLS BISB2 BRW	343	3733 3738
		1F	000000006	67 00 AB AB 03	FB 00199 88 00190 31 001A1 E9 001A7 9F 001A7 9F 001B0 FB 001B4 DD 001BB FB 001B0 11 001C4	298:	BRW BLBC PUSHAB PUSHAB	PATSGL_CONTEXT, 30\$ PATSGL_COMRAB SET_MODE_CMD+1 SET_MODE_CMD, -(SP)	3741 3751
	000000006	7E 00	98	03	FB 00184 DD 00188		MOVZBL	#3. PATSWRITEFILE	7750
	000000006	00		01 01	FB 001BD		PUSHL	#1 PATSSET_MOD_LST	3752 3741
03		68			L UU CU	240.	BRB BBC	36\$ #6, PATSGL_FLAGS, 31\$ 48\$	3756
		08	02	00F3 A7 01	31 001CA E9 001CD DD 001D1	315:	BRW BLBC PUSHL	PATSGL_CONTEXT+2, 34\$	3764 3765
	0000000G	00		01	FB 001D3	32 s : 33 s :	CALLS	#1 PAT\$SAVE_SCOPE	, 5705
0A	000000000	A7 00		0C 02 00 0135	E1 001DC FB 001E1	34 \$:	BBC CALLS BRW	#2. PATSGL_CONTEXT+2, 378 #0. PATSECO_CMDS	3767 3768
03	02	A7		03	31 001E8 E0 001EB	378:	885	#3, PATSGL_CONTEXT+2, 38\$	3770

I 15 16-Sep-1984 14-Sep-1984	00:23:16 12:52:23	VAX-11 Bliss-32 V4.0-742 Page DISK\$VMSMASTER:[PATCH.SRC]PATACT.B32;1	27 (5)

PA

				04	OOAE AE 59	31 00 9F 00)1F0)1F3	38\$:	BRW PUSHAB	45\$ ISE_PTR	3773
			50	000000000	59	DD O)1F6)1F8	300.	PUSHL MOVL	PATSGL_HEAD_LST, RO	
		00000000		04	AQ	DD O)1FF		PUSHL	4 (RO)	
	7B	00000000G	00 A7		01	E1 0	202		CALLS BBC	#3, PATSMAP ADDR #1, PATSGL TONTEXT+2, 44\$ PATSGL PATAREA, R2 PATSGL HEAD_LST, RO 4(RO), R6	3799
			52	00000000	69	DO 0	30S		MOVL	PATSGL_PATÄREA, R2	3801 3802
			50 56 55	000000000	5 00 A0	9E 0)211)218)210		MOVAB	4(RO), R6	:
	60	04	55	04	AO	9E 0	210		MOVAB	8(KU), K)	3803
	50	04	AE 51	02	14 A0	3C 0	0220 0225 0229 0220 0232		ADDL3 MOVZWL	2(ISD PIR), RI	3809
	51	04	51		09	78 0	229		ASHL	#9, RT, R1 #9, 4(ISD_PTR), R0	
	20	04	A0 50 51		09	78 O	1232		ASHL SUBL 2	(R6), R0	3811
	53		51		50	C1 0	0235 0239 0230		ADDL3	(R6), RO RO, R1, AVAIL_BYTE_CNT	7017
			00		3.5 1.6	D1 0	1239		CMPL BGEQ	AVAIL_BYTE_CNT, #12	3813
					53	DD O)23E		PUSHL	AVAIL_BYTE_CNT	3815
					66 02 8F 04		0240		PUSHL	(R6)	
				006D811A	8F	DD O	0244		PUSHL	#2 #7176474	
			6A		04	FB O	024A 024D	395:	CALLS PUSHL	#4, LIB\$SIGNAL	3816
					OOED	31 0	024F	378:	BRW	56\$ (R5)	:
					65	D5 0	024F 0252	40\$:	BRW TSTL	(R5)	3820
			53		05 65	D1 0	0254		BLEQ	41\$ (R5), AVAIL_BYTE_CNT	
					16	15 0	259	415:	BLEQ	42\$	7922
			65		53 62	DO 0	122B	415:	MOVL	AVAIL_BYTE_CNT, (R5) (R2)	3822 3823
					OF	14 0	0260		BGTR_	42\$:
	7E		65		08	C3 0	0262		SUBL3 PUSHL	#8, (R5), -(SP) #1	3824
				00608053	8F	DD O	0268		PUSHL	#7176275	
			6A		01 8F 03 62	FB 0	026E 0271	42\$:	CALLS	#3, LIB\$SIGNAL (R2)	3828
					08	14 0	0273	424:	BGTR	43\$	
04	85 82		65		08	C3 0	0275		SUBL 3	#8, (R5), (R2)	3830 3831
04	AZ		00		08 08 09 8F 01 7E 69	14 00 C3 00 C1 00 11 00	027E	438:	ADDL3 BRB	#8, (R6), 4(R2)	3828 3834
				006D805B	8F	DD O	0280	438:	PUSHL	#7176285	3834
			6A		7E	FB 0	0286 0289	448:	CALLS	#1, LIB\$SIGNAL -(SP)	3838 3839
			50 51		69	DO 0	0288		MOVL	PATSGL_PATAREA, RO	3839
			51	04	B041	3C 0	028E		MOVŽWL PUSHAB	(RO), R1 34(RO)[R1]	
				04	AO	DD OFB	0295		PUSHL	4(RU)	3838
		00000000G	00		03 7F	11 0	0291 0295 0298 029F 02A1 02A3		BRR	#3, PATSADD_PAL	3761
					67	95 0	02A1	458:	BRB TSTB	PATSGL CONTEXT	3761 3843
					7B 7E	18 0 04 0	DZAS		BGEQ CLRL	55\$ -(SP)	3844
		000000006	00		ÓĪ	FB 0	02A7		CALLS	#1 PATSSET_MODULE	•
					01 70 67	11 0	02A7 02AE 02B0	468:	BRB BLBC	55\$	3741 3849
			09		01	E9 0	UCBU	409:	PLBC	PATSGL_CONTEXT, 47\$, 3047

						1	6-Sep-1 4-Sep-1	984 00:23 984 12:52	:16 VAX-11 Bliss-32 V4.0-742 Page DISK\$VMSMASTER:[PATCH.SRC]PATACT.B32;1 (28
	0000000G	00		00	FB 11	002B3 002BA		CALLS	#0 PAT\$SHOW_DEFAL : 38	351
80		68 6A	006DBE82	060815708790B39066A09	E1 DD F8	002BA 002C0 002C6 002C9 002CB	47\$: 48\$:	BRB BBC PUSHL CALLS	75	354
	00000000G	09	02	A7 00 48	FB 11	002CF	498:	BRB BLBC CALLS BRB	PATSGL_CONTEXT+2, 50\$ #0, PATSSHOW_SCOPE 55\$ 38	362
				67	95	002D8	50\$:	BRB TSTB BGEQ	PATSGL_CONTEXT 38	365
	0000000G	00		00	FB 11	002DA 002DC 002E3		CALLS	NO PATSSHOW_MODULE 38	366
36	02	A7 50 7E		03 69	E1 D0 3C 9F	002E5 002EA		BRB BBC MOVL MOVZWL	#3, PATSGL CONTEXT+2, 55\$ PATSGL PATAREA, RO (RO), =(SP) P.ABI #2, PATSFAD_OUT	368
	00000000G	00 50	08 04 25	69 A0	9F FB DO DD 9F	002F3		PUSHAB CALLS MOVL PUSHL	4(RO)	373
	000000006	00	25	A0 AB 02 14	9F FB	00300		PUSHAB	P.ABJ	
	00000000G	00		00	FB 11 FB 11	0030A	528:	BRB CALLS	#2, PAT\$FAO_OUT 55\$ #0, PAT\$WRTIMG 55\$	349
	00000000G	A7 00	04	80 00 00 AC	88 FB DD	00315 00319 00320	53 \$: 54 \$: 55 \$:	BRB BISB2 CALLS PUSHL	#32, PAT\$GL_CONTEXT+2 : 38 #0, PAT\$REP[ACE_CMD : 38	382 383 904
	V00000000	EF 50		01	FB DO	00323	,,,,,	CALLS	#1, WRITE_CMD	
	00000063	8F	000000006	0040 0A	D1 12	00323 0032A 0032E 0033A 0033C		MOVL CMPL BNEQ	SEMSP, RO PATSGL_SEMAN1+8[RO], #99 57\$	211
	FC72	CF	04	AC 01	DD FB	UU 5 5 F	568:	PUSHL	SEMSP 39	114
			04	OC AC	11	00346	578:	BRB PUSHL	SEMSP : 39	15
	FADB	CF 50		01	FB 00 04			CALLS MOVL RET	#1, PATSEND OF CMD	20
				50	04	00352	58\$:	CLRL RET	RO 39	21

; Routine Size: 853 bytes. Routine Base: _PAT\$CODE + 01D7

P

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L 15
                                                                                                                                                                                                                   16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
V04-000
                                                                                                                                                                                                                                                                                                   VAX-11 Bliss-32 V4.0-742 Particles P
         940
941
942
943
                                                                              IF .PAT$GB_EXEC_CMD THEN
                                                    CASE .PATSGL_SEMAN1 [.SEMSP] FROM ALIGN_TOKEN TO VERIFY_TOKEN OF
         SET
                                                                                                          [ALIGN_TOKEN]:
                                                                                                                                    CHSCOPY(.ALIGN_CMD[0], ALIGN_CMD[1], BLANK_FILL, ALIGN_CMD[0], CHSPTR(COMMAND_BUF, 0));
                                                                                                                                     IF .PATSGL_CONTEXT[ALIGN_BYTE]
                                                                                                                                     THEN
                                                                                                                                                               ALIGN_QUAL_OFF = 0
                                                                                                                                    ELSE
                                                                                                                                                               IF .PATSGL_CONTEXT[ALIGN_WORD]
                                                                                                                                                                                         ALIGN_QUAL_OFF = ALIGN_QUAL_LNG
                                                                                                                                                              ELSE
                                                                                                                                                                                         IF .PAT$GL_CONTEXT[ALIGN_LONG]
                                                                                                                                                                                         THEN
                                                                                                                                                                                                                   ALIGN_QUAL_OFF = ALIGN_QUAL_LNG+2
                                                                                                                                                                                         ELSE
                                                                                                                                                                                                                    IF .PATSGL_CONTEXT[ALIGN_QUAD]
                                                                                                                                                                                                                   THEN
                                                                                                                                                                                                                                              ALIGN_QUAL_OFF = ALIGN_QUAL_LNG*3
                                                                                                                                                                                                                   ELSE
                                                                                                                                   ALIGN QUAL OFF = ALIGN QUAL LNG*4;

CH$COPY(ALIGN QUAL LNG, ALIGN QUAL TBEE.ALIGN QUAL OFF],

BLANK FILL, ALIGN QUAL LNG,

CH$PTR(COMMAND BUF, ACIGN CMDEO]));

PAT$WRITEFILE(.ALIGN CMDEO]+ALIGN QUAL LNG,

CH$PTR(COMMAND BUF, O), PAT$GL_COMRAB);
         966
967
968
969
970
        972
                                                                                                                                    PATSURITE_NAME(.SEMSP);
        974
975
                                                                                                         [CANCEL_TOKEN]:
        976
977
                                                                                                                                   SELECTONE TRUE OF SET
         980
                                                                                                                                    [.PATSGL_CONTEXT[PAT_AREA_BIT]]:
         981
         982
983
984
985
                                                                                                                                                               PAT$WRITEFILE(.CANCEL_PAT_CMD[0], CANCEL_PAT_CMD[1], PAT$GL_COMRAB);
                                                                                                                                                              END:
                                                                                                                                    [.PAT$GL_CONTEXT[MODE_BIT]]:
BEGIN
         986
987
                                                                                                                                                               PATSWRITEFILE(.CANCEL_MODE_CMD[0], CANCEL_MODE_CMD[1], PATSGL_COMRAB);
         988
989
         990
991
992
993
                                                                                                                                     [.PATSGL_CONTEXT[MODULE_BIT]]:
                                                                                                                                                                IF (.PAT$GL_HEAD_LST NEQU 0)
         994
995
                                                                                                                                                                                         BEGIN
                                                                                                                                                                                         PATSWRITEFILE (.CANCEL_MODU_CMD[0], CANCEL_MODU_CMD[1], PATSGL_COMRAB);
          996
                                                                                                                                                                                         PATSWRITE_NAME (.SEMSP);
```

```
M 15
                                                                                       16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
                                                                                                                        VAX-11 Bliss-32 V4.0-742
V04-000
                                                                                                                        DISKSVMSMASTER: [PATCH.SRC]PATACT.B32:1
  997
998
999
1000
                      4036
4037
4038
4040
4041
4043
4045
4046
4047
4049
                                                                            PATSWRITEFILE(.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
                                                                 ELSE
                                                                            PATSWRITEFILE(.CAN_MOD_ALL_CMD[0], CAN_MOD_ALL_CMD[1], PATSGL_COMRAB);
  1001
1002
1003
                                                                 END:
                                                      [.PATSGL_CONTEXT[SCOPE_BIT]]:
  1004
                                                                 PATSWRITEFILE (.CANCEL_SCO_CMD[0], CANCEL_SCO_CMD[1], PATSGL_COMRAB);
  1006
                                                                  END:
                                                      TES:
  1008
                                           [CHECK_TOKEN]:
  1010
                                                      BEGIN
                      4050
4051
4052
4053
  1011
                                                       IF .PAT$GL_CONTEXT[SET_NOT_ECO]
  1012
                                                       THEN
                                                                 PATSWRITEFILE (.CHECK_N_ECO_CMD[0], CHECK_N_ECO_CMD[1],
  1014
                                                                                       PATSGL_COMRAB)
                      4054
  1015
                                                      ELSE
  1016
                      4055
                                                                  PATSWRITEFILE(.CHECK_ECO_CMD[0], CHECK_ECO_CMD[1],
                      4056
  1017
                                                                                       PATSGL_COMRAB);
                                                       PATSWRITE_EXP1(.SEMSP);
  1018
                      4058
                                                       PATSWRITEFILE (.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
  1019
                      4059
  1020
                                                      END:
  1021
1022
1023
                      4060
                      4061
                                           [CREATE_TOKEN]:
  1024
1025
1026
1027
1028
1029
                      4063
                      4064
4065
4066
                                           [DEFINE_TOKEN]:
                                                      PATSWRITEFILE (.DEFINE_CMD[0], DEFINE_CMD[1], PATSGL_COMRAB);
                      4067
                                                      PATSWRITE_NAME (.SEMSPT:
                                                      PATSWRITEFILE(.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
                      4069
4070
4071
4072
4073
4074
  1031
  1032
                                           [DELETE_TOKEN]:
                                                      BEGIN
                                                      CH$COPY(.DELETE_CMD[0], DELETE_CMD[1], BLANK FILL,
DELETE_CMD[0], CH$PTR(COMMAND_BUF, 0));
PAT$GET_COMQUAL( COMMAND_BUF, .DELETE_CMD[0], .SEMSP);
  1034
  1035
  1036
1037
                      4076
                                                      PATSWRITE_INS(.SEMSP);
  1038
                                                       PATSWRITEFILE(.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
                      4078
   1039
                                                      END:
  1040
1041
1042
1043
1044
1045
1046
1047
1048
                      4080
                                           [DEPOSIT_TOKEN]:
                      4081
                                                      CH$COPY(.DEPOSIT_CMD[0], DEPOSIT_CMD[1], BLANK_FILL,
DEPOSIT_CMD[0], CH$PTR(COMMAND_BUF, 0));
PAT$GET_COMQUAL(_COMMAND_BUF, _DEPOSIT_CMD[0], .SEMSP);
                      4082
                      4084
                      4085
                                                       PATSURITE_INS(.SEMSP)
                      4086
4087
4088
                                                       PATSWRITEFILE(.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
                                                      END:
                                            [EXAMINE TOKEN]:
   1050
                      4089
   1051
1052
1053
                      4090
                      4091
                      4092
                                            [EVALUATE_TOKEN]:
```

P

```
N 15
PATACT
V04-000
                                                                                              16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                                 VAX-11 Bliss-32_V4.0-742
                                                                                                                                 DISK$VMSMASTER: [PATCH. SRC]PATACT. B32:1
  1054
1055
1056
1057
                       4093
4094
4095
4096
4097
                                                          0;
                                               [EXIT_TOKEN]:
                                                          PATSWRITEFILE (.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
  1058
                       4098
4099
4100
4101
4102
4103
4104
4105
4106
4107
4108
                                               [HELP_TOKEN]:
   1060
   1061
   1062
1063
                                               [INSERT_TOKEN]:
                                                           BEGIN
  1064
                                                          CH$COPY(.INSERT_CMD[0], INSERT_CMD[1], BLANK FILL,
INSERT_CMD[0], CH$PTR(COMMAND_BUF, 0));
PAT$GET_COMQUAL( COMMAND_BUF, .INSERT_CMD[0], .SEMSP);
   1066
                                                           PATSWRITE_INS(.SEMSP);
   1067
   1068
                                                           PATSWRITEFILE(.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
   1069
                                                          END:
                       4109
   1070
   1071
                       4110
                                               [REPLACE TOKEN]:
                       4111
4112
4113
4114
4115
   1072
                                                           BEGIN
                                                          CH$COPY(.REPLACE_CMD[0], REPLACE_CMD[1], BLANK FILL,
REPLACE_CMD[0], CH$PTR(COMMAND_BUF, 0));
PAT$GET_COMQUAL(COMMAND_BUF, REPLACE_CMD[0], SEMSP);
   1074
   1075
                                                           PATSWRITE_INS(.SEMSP);
   1076
                       4116
4117
4118
4119
   1077
                                                           PATSWRITEFILE (.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
   1078
                                                          END:
  1079
   1080
                                               [SET_TOKEN]:
  1081
   1082
                                                          SELECTONE TRUE OF
   1083
  1084
1085
                                                          [.PATSGL_CONTEXT[SCOPE_BIT]]:
  1086
1087
                                                                      BEGIN
                                                                      PATSWRITEFILE(.SET_SCO_CMD[0], SET_SCO_CMD[1], PATSGL_COMRAB);
PATSGL_BUF_SIZ = 0;
PATSCP_OUT_STR = CHSPTR(COMMAND_BUF, 0);
   1088
   1089
  1090
                                                                      COUNT = 0;
  1091
1092
1093
                                                                       WHILE .PATSGL_CSP_PTR[ .COUNT ] NEQA O
                       4131
4132
4133
4134
4135
4136
4137
4138
4139
                                                                                  PATSFAO_PUT(SCO_NAM_CMD, .PATSGL_CSP_PTRE.COUNT]);
   1094
   1095
                                                                                  COUNT = . COUNT # 1:
   1096
1097
                                                                      PATSWRITEFILE (.PATSGL_BUF_SIZ, COMMAND_BUF, PATSGL_COMRAB);
   1098
   1099
   1100
                                                           [.PAT$GL_CONTEXT[SET_ECO]]:
   1101
                       4140
                                                                      PATSWRITEFILE(.SET_ECO_CMD[0], SET_ECO_CMD[1], PATSGL_COMRAB);
PATSWRITE_EXP1(.SEMSP);
   1102
                       4141
   1104
   1105
   1106
1107
                                                           [.PAT$GL_CONTEXT[MODE_BIT]]:
   1108
                                                                       PATSWRITEFILE(.EXIT_CMDEO], EXIT_CMDE1], PATSGL_COMAAB).
   1109
  1110
```

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B 16
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
V04-000
                                                                                                                                                     VAX-11 Bliss-32 V4.0-742 Pa
DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
                                                                   [.PATSGL_CONTEXT[PAT_AREA_BIT]]:
                                                                                 BEGIN
IF (.PATSGL_CONTEXT[INIT_PAT_BIT]) THEN
BEGIN
                           4152
4153
4154
4155
4156
4157
4158
                                                                                               LOCAL
                                                                                                            OUTPUT_BUFFER : BLOCK [132, BYTE]:
                                                                                              PATSCP OUT STR = CHSPTR (OUTPUT BUFFER, 0);
CHSCOPT (.SET_PAT_CMD[0], SET_PAT_CMD[1], BLANK FILL,
.SET_PAT_CMD[0], CHSPTR (COMMAND BUF, 0));
PATSGET_COMQUAL (COMMAND_BUF, .SET_PAT_CMD[0], .SEMSP);
   1120
1121
1122
1123
1124
1125
1126
1127
1128
1129
1130
                           4160
                                                                                              PATSGL BUF SIZ = 0;
PATSCP OUT STR = CHSPTR (OUTPUT BUFFER, 0);
PATSOUT PAT EXP (.LIST ELEM EXPZ (.PATSGL HEAD_LST), 0);
PATSWRITEFICE (.PATSGL_BUF_SIZ, OUTPUT_BUFFER, PATSGL_COMRAB);
                           4161
                           4162
                           4164
4165
                                                                                              PATSGL_BUF_SIZ = 0;
PATSCP_DUT_STR = CHSPTR (OUTPUT_BUFFER, D);
PATSOUT_PAC_EXP (.LIST_ELEM_EXPT (.PATSGL_HEAD_LST), 0);
PATSWRITEFICE (.PATSGL_BUF_SIZ, OUTPUT_BUFFER, PATSGL_COMRAB);
                           4166
                           4168
                           4169
   1131
1132
1133
1134
1135
1136
1137
1138
                                                                                 ELSE
                                                                                               BEGIN
                                                                                               PATSWRITEFILE(.SET_PAT_CMD[0], SET_PAT_CMD[1], PATSGL_COMRAB);
PATSWRITE_EXP1(.SEMSP);
                                                                                 END:
                           4176
                                                                   [.PAT$GL_CONTEXT[MODULE_BIT]]:
   1140
                                                                                  IF (.PATSGL_HEAD_LST NEQU 0)
   1141
                                                                                 THEN
                           4180
                                                                                               BEGIN
                                                                                               PATSWRITEFILE(.SET_MODU_CMD[0], SET_MODU_CMD[1], PATSGL_COMRAB);
   1144
                                                                                               PATSWRITE NAME (.SEMSP)
                           4184
    1145
                                                                                               PATSWRITEFILE(.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
    1146
                           4186
   1147
                                                                                 ELSE
    1148
                                                                                              PATSWRITEFILE(.SET_MOD_ALL_CMD[0], SET_MOD_ALL_CMD[1], PATSGL_COMRAB);
                           4188
    1149
                                                                                 END:
   1150
1151
1152
1153
1154
1155
1156
1157
                                                                   TES:
                           4190
                           4191
                                                      [SHOW_TOKEN]:
                           4192
                           4194
                                                      [UPDATE_TOKEN]:
                                                                   'PAT$WRITEFILE(.UPDATE_CMD[0], UPDATE_CMD[1], PAT$GL_COMRAB);
                           4196
    1158
1159
                                                      [VERIFY_TOKEN]:
                           4198
4199
                                                                   CH$COPY(.VERIFY_CMD[0], VERIFY_CMD[1], BLANK_FILL,
.VERIFY_CMD[0], CH$PTR(COMMAND_BUF, 0));
PAT$GET_COMQUAL(_COMMAND_R''', .VERIFY_CMD[0], .SEMSP);
    1160
1161
                           4200
    1162
1163
                                                                    PATSWRITE_INS(.SEMSP)
    1164
                                                                    PATSWRITEFILE(.EXIT_CMD[0], EXIT_CMD[1], PATSGL_COMRAB);
    1165
                           4204
                                                                    END:
                           4205
    1166
   1167
                                                      [OUTRANGE]:
```

PATACT V04-000									1	(16 6-Sep- 4-Sep-	1984 00:23 1984 12:52	3:16 VAX-11 Bliss-32 V4.0-742 Par 2:23 DISK\$VMSMASTER:[PATCH.SRC]PATACT.B32;1	ge 34 (6)
: 1168 : 1169 : 1170 : 1171 : 1172		4207 4208 4209 4210 4211	2 2 2 2 RETURN 1 END;	TES;	0								
	0290 0290 0118 0257		10 00CB 010B 0290 0290		58 59 58 55 01 57 0078 0078 0284 0133		00 00 00 EF CE	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	0001E 00023 0002A	1 \$:	MOVAB MOVAB MOVAB MOVAB BLBS RET MOVL CASEL . WORD	WRITE_CMD, Save R2,R3,R4,R5,R6,R7,R8,R9,- R10,RT1 PAT\$WRITEFILE, R11 PAT\$GL_CONTEXT, R10 PAT\$GL_COMRAB, R9 SET_PAT_CMD+1, R8 -264(SP7, SP PAT\$GB_EXEC_CMD, 1\$ SEMSP, R7 PAT\$GL_SEMAN1[R7], W1, W16 3\$-2\$.= 9\$-2\$ 16\$-2\$ 44\$-2\$ 21\$-2\$ 24\$-2\$ 44\$-2\$	3922 3979 3981
		FF70	05 05 05	FF7A	56 68 6A 50 6A 50 50	FF7C	C\$6600 51E4045280030030000000000000000000000000000000	04A8 928 1110 1110 1110 1100 1100 1100 1100 11	0005B 00060 0006E 00070 00074 00077 00079 00080 00082 00086 00088 00088	4\$: 5\$: 6\$:	RET MOVZBL MOVC3 BBC CLRL BRB BBC MOVL BRB BBC MOVL BRB MOVL BRB MOVL PUSHAB MOVL	ALIGN CMD, R6 R6. ACIGN CMD+1, COMMAND_BUF W6. PATSGE_CONTEXT, 4\$ ALIGN_QUAL_OFF 8\$ W4. PATSGL_CONTEXT, 5\$ W4. ALIGN_QUAL_OFF 8\$ W2. PATSGL_CONTEXT, 6\$ W8. ALIGN_QUAL_OFF 8\$ W3. PATSGL_CONTEXT, 7\$ W12. ALIGN_QUAL_OFF 8\$ W16. ALIGN_QUAL_OFF COMMAND_BUF[R6] ALIGN_QUAL_TBL[ALIGN_QUAL_OFF] a(SP)*, a(SP)+	3987 3988 3989 3991 3993 3995 3997 3999 4001 4003 4005 4008

6B

7E

00

7E

7E

7E

01

7E

6A

7E

7E 68

00

7E

56 A8

56 A8

0000000G

89

BS

OB

FF7C

FF7C

CD

00000000G

02

				16	16 -Sep-1 -Sep-1	984 00:23 984 12:52	:16 VAX-11 Bliss-32 V4.0-742 Par :23 DISK\$VMSMASTER:[PATCH.SRC]PATACT.B32;1	ge 35 (6)
2	FF7C 04	59 CD A6 03 57	DD 9F 9F FB	0009A 0009C 000A0 000A3		PUSHAB PUSHAB CALLS	R9 COMMAND_BUF 4(R6) #3, PAT\$WRITEFILE	4009 4010 4009
0		57 01	DD	000A6		PUSHL	R7 #1, PATSWRITE_NAME	4011
Ą		03	04 E1	000AF 000BQ	9\$:	RET BBC	#3, PATSGL_CONTEXT+2, 10\$	3981 4019
E	9E 9D	59 A8 A8 40	DD 9F 9A	000B5 000B7 000BA		PUSHAB PUSHAB MOVZBL	R9 CANCEL_PAT_CMD+1 CANCEL_PAT_CMD, -(SP)	4021
)		64	11 E9 DD 9F	000BE 000C0 000C3	10\$:	BRB BLBC PUSHL	158 PATSGL_CONTEXT, 118 R9	4024
E	FF7E FF7D	59 C8 C8	9F 9A 11	000C5 000C9 000CE		PUSHAB MOVZBL	CANCEL_MODE_CMD+1 CANCEL_MODE_CMD, -(SP) 15\$	
		6A 1E	95	00000	115:	BRB TSTB	PATSGL_CONTEXT	4029
	00000000	00	95 18 05 13	000DA		BGEQ TSTL BEQL	PATSGL_HEAD_LST	4031
E	83 82	00 0B 59 A8 A8	DD 9F 9A	OOODE		PUSHL PUSHAB MOVZBL	R9 CANCEL_MODU_CMD+1 CANCEL_MODU_CMD, -(SP)	4034
		4C 59	11	000E5 000E7	12\$:	BRB PUSHL	20 \$ R9	4039
E	88 8A	A8 A8	9F 9A	000EC		PUSHAB	CAN_MOD_ALL_CMD+1 CAN_MOD_ALL_CMD, -(SP)	
1	02	0E	11 E8 04	000F0 000F2 000F6	13\$:	BRB	PATSGL_CONTEXT+2, 148	4042
=	98 97	59 A8 A8	DD 9F 9A	000F7 000F9 000FC		RET PUSHL PUSHAB MOVZBL	R9 CANCEL_SCO_CMD+1 CANCEL_SCO_CMD, -(SP)	4044
A		01C2 01 59	31 E1 DD 9F	00100 00103 00107	15\$: 16\$:	BRW BBC PUSHL	#1. PATSGL_CONTEXT, 17\$	4050 4052
E	A5 A4	A8 A8 09	9A 11	00109 0010C 00110		PUSHAB MOVZBL BRB	CHECK_N_ECO_CMD+1 CHECK_N_ECO_CMD, -(SP)	
E	AF AE	59 A8 A8 03 57	DD 9F 9A	00112 00114 00117	17\$:	PUSHAB PUSHAB MOVZBL	18\$ R9 CHECK_ECO_CMD+1 CHECK_ECO_CMD, -(SP) #3, PAT\$WRITEFILE R7	4055
3		03	FB	0011B	18\$:	CALLS	#3, PÄTSWRITEFILE R7	4057
0		0192 59	FB 31 DD	00120 00127 0012A	198:	CALLS BRW PUSHL	#1, PATSURITE_EXP1 42\$ R9	4058 4066
E	B5 B4	8A 8A	9F 9A 31 9A	00120		PUSHAB	DEFINE_CMD+1 DEFINE_CMD, -(SP)	
68	88	0140 A8 56 25 A8	31 9A 28 11	0012F 00133 00136 0013A 00141	20 \$: 21 \$:	BRW MOVZBL MOVC3 BRB	37\$ DELETE_CMD, R6 R6, DELETE_CMD+1, COMMAND_BUF 25\$	4073 4074 4075
68	BD	A8 56 18	9A 28 11	00145	22\$:	MOVZBL MOVC3 BRB	DEPOSIT_CMD. R6 R6. DEPOSIT_CMD+1, COMMAND_BUF 25\$	4082 4083 4084

						1	E 16 6-Sep-1 4-Sep-1	1984 00:23 1984 12:52	:16 VAX-11 BLiss-32 V4.0-742 :23 DISK\$VMSMASTER:[PATCH.SRC]PATACT.E	Page 36 332;1 (6)
FF7C	CD	CE	56 AB	CD	A8 56 0B A8 56	9A 00150 28 00154 11 0015B 9A 0015D	238:	MOVZBL MOVC3 BRB	INSERT_CMD, R6 R6, INSERT_CMD+1, COMMAND_BUF 25\$	4103 4104 4105
FF7C	CD	08	56 A8	07	A8 56 013A	9A 0015D 28 00161		MOVZBL MOVC3	RÉPLACE_CMD, R6 R6, REPLACE_CMD+1, COMMAND_BUF 41\$	4112 4113 4114
			43	02	59	31 00168 E9 0016B DD 0016F 9F 00171	25 \$: 26 \$:	BRW BLBC PUSHL	PATSGL_CONTEXT+2, 29\$	4124
			7E 6B	07 06 000000006	A8 03 00 CD 52	9A 00150 28 00154 11 0015B 9A 0015D 28 00161 31 00168 E9 0016B DD 0016F 9F 00171 9A 00178 PE 00181 D4 0018A D0 0018C		PUSHAB MOVZBL CALLS CLRL MOVAB	SET_SCO_CMD+1 SET_SCO_CMD, -(SP) W3, PATSWRITEFILE	
		0000000G	00		CD	9E 00181		MOVAB	PATSGL_BUF_SIZ COMMAND_BUF, PATSCP_OUT_STR	4127 4128
			50		6042	DO 0018C D5 00193 13 00196	27\$:	MOVL	COUNT PATSGL_CSP_PTR, RO (RO)[COUNT] 285	4129
		000000006	00	DB	6042 A8	D5 00193 13 00196 DD 00198 9F 0019B FB 0019E		BEQL PUSHL PUSHAB	28\$ (RO)[COUNT] SCO_NAM_CMD #2, PAT\$FAO_PUT	4133
		00000000	00		02 52 E3	D6 001A5		CALLS INCL BRB PUSHL	COUNT 27\$ R9	4134 4130 4136
				FF7C	0096	9F 001AB		PUSHAB BRW	COMMAND_BUF	, 4150
	00	02	AA		02 59	31 001AF E1 001B2 DD 001B7	29\$:	BBC PUSHL	N2, PATSGL_CONTEXT+2, 308	4139 4141
			7E		A8 A8 0091	9F 001R9		PUSHAB MOVZBL BRW	SET_ECO_CMD+1 SET_ECO_CMD, -(SP) 35\$	
			03		6A 00F3	9A 001BC 31 001C0 E9 001C3 31 001C6 E0 001C9	30\$:	BLBC BRW	PATSGL CONTEXT, 318	4145
	03	02	AA		03	EO 00109 31 0010E	318:	BBS	428 W3, PATSGL_CONTEXT+2, 328 368	4150
FF7C	76 CD	00000000G	56 AA 00 68 7E	FF	A8 01 6E 56 56	9A 001D1 E1 001D5 9E 001DA 28 001E1 7D 001E7	325:	MOVZBL BBC MOVAB MOVC3	SET_PAT_CMD, R6 #1. PATSGL_CONTEXT+2, 34\$ OUTPUT_BUFFER, PATSCP_OUT_STR R6, SET_PAT_CMD+1, COMMAND_BUF R6, -(SP) COMMAND_BUF #3, PATSGET_COMQUAL PATSGL_BUF_SIZ OUTPUT_BUFFER, PATSCP_OUT_STR -(SP)	4158 4152 4157 4159
		00000000v		FF7C	CD	9F 001EA		MOVQ PUSHAB	COMMAND BUF	4160
		00000000V	EF 00	0000000G	00	9F 001EA FB 001EE D4 001F5 9E 001FB D4 00202		CALLS	PATSGL BUF SIZ	4161 4162
		00000000		000000006	00 00 6E 7E 00	04 00202		CLRL	-(SP) PATSGL_HEAD_LST, RO	4163
		000000006	00	08	A0	DD 0020B		MOVAB CLRL MOVL PUSHL CALLS PUSHL	8(RO) #2, PATSOUT_PAL_EXP	
		30000000	00	04	02 59 AE	DD 00215 9F 00217		PUSHL	R9 OUTPUT BUFFER	4164
			6B		00	DD 0021A FB 00220		PUSHL	PATSGL BUF SIZ #3, PATSWRITEFILE PATSGL BUF SIZ	
		00000000G	00	00000000	00 6E	04 00223 9E 00229		CALLS CLRL MOVAB	OUTPUT_BUFFER, PAISCP_OUT_SIR	4165
			50	00000000G	AE 00 03 00 6E 7E 00 A0	9F 001EA FB 001EE D4 001F5 9E 001FB D4 00202 D0 00204 DD 00208 FB 0020E DD 00215 9F 00217 DD 0021A FB 00223 9E 00223 DD 00232 DD 00233 FB 00230		MOVL	-(SP) PATSGL_HEAD_LST, RO 4(RO)	4167
		00000000G	00		0Ž	FB 00230		PUSHL	#2, PATSOUT_PAL_EXP	

	ACT
V04	-000

							16 14	16 -Sep-	1984 00:23 1984 12:52	:16 VAX-11 Bliss-32 V4.0-742 Page 23 DISK\$VMSMASTER:[PATCH.SRC]PATACT.B32;1	ge 37
				00000000G	59 AE0075 863 57		00243 00245 00248	33\$:	PUSHL PUSHAB PUSHL BRB	R9 OUTPUT_BUFFER PATSGL_BUF_SIZ 43\$	4168
			6B	0340	8F	DD 11 BB FB DD FB	0024E 00250 00254	34 \$:	PUSHR CALLS	#AM <r6,r8,r9> #3, PAT\$WRITEFILE</r6,r8,r9>	4172
		0000000G	00		57		00257		PUSHL	R7 #1, PAT\$WRITE_EXP1	4173
					6A 63	95	00260 00261	36\$:	RET	PATSGL_CONTEXT	4121
				0000000G	00	95 18 05 13	00263 00265 0026B		BGEQ TSTL	PATSGL_HEAD_LST	4179
			7E 6B	EB	59 A8 A8 03 57	DD	0026D 0026F 00272	774	BEOL PUSHL PUSHAB MOVZBL	38\$ R9 SET_MODU_CMD+1 SET_MODU_CMD, -(SP)	4182
		00000000G	00		57	FB DD FB	00279 00278	37\$:	CALLS PUSHL CALLS	#3, PATSWRITEFILE R7 #1, PATSWRITE_NAME	4183
		00000000	7E	F3 F2	01 38 59 A8 A8	DD 9F 9A	00282 00284 00286 00289	38\$:	BRB PUSHL PUSHAB MOVZBL	R9 SET_MOD_ALL_CMD+1 SET_MOD_ALL_CMD, -(SP)	4184 4187
			7E	20 1F	36 59 A8 A8	11 DD 9F 9A 11	00291	39\$:	BRB PUSHL PUSHAB MOVZBL	43\$ R9 UPDATE_CMD+1 UPDATE_CMD, -(SP)	4195
F 7 C	CD	28	56 A8 7E	27	A8 A8 A8 A8 56	9A 28 7D	00298 0029A 0029E 002A5	40\$: 41\$:	BRB MOVZBL MOVC3 MOVQ	VERIFY_CMD, R6 R6, VERIFY_CMD+1, COMMAND_BUF R6, -(SP) COMMAND_BUF	4199 4200 4201
		V00000000	EF	FF7C	CD 03 57 01 59	9F FB DD	8AS00		PUSHAB CALLS	#3, PATSGET_COMQUAL	4202
		00000000G	00		01	FB	002B3 002B5	4.20	PUSHL	R7 W1, PAT\$WRITE_INS	4202
			7E 6B	C7 C6	A8 A8 03	9F 9A FB 04	002BE 002C1 002C5		PUSHAB PUSHAB MOVZBL CALLS RET	R9 EXIT_CMD+1 EXIT_CMD, -(SP) #3, PAT\$WRITEFILE	4203

; Routine Size: 713 bytes, Routine Base: _PAT\$CODE + 0520

```
G 16
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
V04-000
                                                                                                                                 VAX-11 Bliss-32 V4.0-742 Pa
DISK$VMSMASTER:[PATCH.SRC]PATACT.832;1
                                   GLOBAL ROUTINE PATSSET_OVERS (LEVEL, TOKEN) : NOVALUE =
 1174
1175
1176
1177
1178
1179
1180
1181
1183
1184
1185
1186
1187
1191
1192
1193
1194
1195
                                     FUNCTIONAL DESCRIPTION:
                                              Sets OVERRIDE or LOCAL modes by setting the new mode level, and then setting the mode itself.
                                      CALLING SEQUENCE:
                                              PAT$SET_OVERS ()
                                      INPUTS:
                                              LEVEL
                                                                      - Level of modes to set
                                                                      - Mode token to be set in the mode stack
                                      IMPLICIT INPUTS:
                                              none
                                      OUTPUTS:
  1196
1197
1198
1199
1200
1201
1202
1203
1204
1205
1206
1207
1208
1210
1211
1213
1214
1215
                                              none
                                      IMPLICIT OUTPUTS:
                                              none
                                      ROUTINE VALUE:
                                              NOVALUE
                                     SIDE EFFECTS:
                                              The appropriate modes are set.
                                   BEGIN
                                   PATSSET_MOD_LVL (.LEVEL);
PATSSET_NEW_MOD (.TOKEN);
                                   END:
                                                                                                                                                                                            4212
                                                                                                             .ENTRY
                                                                                                                        PAT$SET_OVERS, Save nothing
                                                                                 00000 00000
                                                                                                                        LEVEL #1, PAT$SET_MOD_LVL TOKEN
                                                                                                             PUSHL
                                                                                        00002
                                                                                    DD
                                                                                        00005
0000C
0000F
                                                                              01
AC
01
                                                                                   FB DD FB O4
                                         000000006 00
                                                                                                                                                                                            4252
                                                                      08
                                                                                                             PUSHL
                                                                                                             CALLS
                                                                                                                         #1, PATSSET_NEW_MOD
                                         00000000G 00
                                                                                                                                                                                          4253
                                                                                        00016
: Routine Size: 23 bytes.
                                            Routine Base: _PAT$CODE + 07F5
```

```
16
                                                                                                                                                                                                                                                                                                                                                                      VAX-11 Bliss-32 V4.0-742 Particles P
PATACT
V04-000
                                                                                                                                                                                                                                                                     16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                                                                                                                                                                  HEXADECIM TOKEN, HEX QUAL, ASCII TOKEN, ASCII QUAL, NOASCII TOKEN, NOASCII QUAL, OCTAL TOKEN, OCTAL QUAL, LITERAL TOKEN, LITER QUAL, INITIALIZE QUAL
       1274
1275
1276
1277
1278
1287
1281
1283
1283
1288
1288
1288
1291
1293
1294
1297
1298
1298
1298
                                                                                                                                                                                                                                                                                                                                                                                                      ) : VECTOR[.BYTE]:
                                                                                                  LOCAL
                                                                                                                                  TOKEN_INDEX;
                                                                                                                                                                                                                                                                                                                                                                        ! Index into command qualifier table
                                                                                                         Loop, searching the command table for a token matching the one in the parse stack. The corresponding command qualifier bit is set when a match
                                                                                                          is found.
                                                                                                  INCR TOKEN_INDEX FROM MIN_QUAL TO MAX_QUAL+2 BY 2
                                                                                                                                   IF (.com_qual_table[.token_index] eql .pat$gl_seman1[.qual_offset])
                                                                                                                                                                  PATSGL_COMQUAL [ .COM_QUAL_TABLE[.TOKEN_INDEX+1] ] = TRUE;
EXITLOOP;
                                                                                                                                                                   END:
                                                                                                  RETURN:
        1300
                                                                                                 END:
                                                                                                                                                                                                                                                                                                               PSECT
                                                                                                                                                                                                                                                                                                                                             _PAT$PLIT,NOWRT,NOEXE,0
                                                                                                                                                                                                                                                                                                                                             28, 0, 22,
31, 6, 27,
11, 50, 12
                                                                                                                                                                                                                                                    00119
00128
                                                                                                                                                                                                                                                                                                                                                                                                     49, 2, 21, 3, 45, 4, 38, 20, 8, 36, 9, 42, 10, 30,
                                                                                                                                                                                                                                   10
                                                                                                                                                                                                                                                                            P. ABK:
                                                                                                                                                                                                                                                                                                               .BYTE
                                                                                                                                                                                                                                                                                                                                                              P. ABK
                                                                                                                                                                                                                                                                             COM_QUAL_TABLE=
                                                                                                                                                                                                                                                                                                                                             PATSCODE, NOWRT, 2
                                                                                                                                                                                                                                                                                                               .PSECT
                                                                                                                                                                                                                                                                                                                                          PATSSET_COMQUAL, Save R2
QUAL_OFFSET, R1
TOKEN_INDEX
#0, #8, COM_QUAL_TABLE[TOKEN_INDEX], -
PATSGL_SEMAN1[R1]
25
                                                                                                                                                                                                                               0004 00000
0 D0 00002
0 D4 00006
0 ED 00008 15:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4254
                                                                                                                                                                                                                                                                                                                .ENTRY
                                                                                                                                                                51
                                                                                                                                                                                                    04
                                                                                                                                                                                                                                                                                                             MOVL
                                                                                                                                                                                                                                                                                                             CLRL
00000000G0041 00000000 EF40
                                                                                                                                                                08
                                                                                                                                                                                                                                                   00017
00019
00021
00029
0002A
00030
                                                                                                                                                                                                                                                                                                             BNEQ
                                                                                                                                                                                                                                        12
9A
E2
04
F1
                                                                                                                                                                           00000000'EF40
52
                                                                                                                                                                                                                                                                                                                                             COM_QUAL_TABLE+1[TOKEN_INDEX], R2 R2, PATSGL_COMQUAL, 3$
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4332
                                                                                                                                                                                                                                                                                                              MOVZBL
                                                                                                       07 00000000G
                                                                                                                                                                00
                                                                                                                                                                                                                                                                                                             BBSS
                                                                                                                                                                                                                                                                                                             RET
                                                                                                                                                                02
                                                                                                                                                                                                                         18
                                                                                                                                                                                                                                                                                                             RET
                                     FFD8
                                                                                                       50
                                                                                                                                                                                                                                                                                                                                              #24, #2, TOKEN_INDEX, 1$
```

Routine Base: _PAT\$CODE + 080C

: Routine Size: 49 bytes,

PATACT V04-000 16-Sep-1984 00:23:16 14-Sep-1984 12:52:23 VAX-11 Bliss-32 V4.0-742 Page DISK\$VMSMASTER:[PATCH.SRC]PATACT.B32:1 GLOBAL ROUTINE PATSGET_COMQUAL (COMMAND_BUF, COMMAND_SIZE, SEMSP) : NOVALUE = FUNCTIONAL DESCRIPTION: This routine enters the command qualifiers into the command line buffer being constructed. The qualifiers are indicated by bits set in the command qualifier indicator longword, PAT\$GL_CDMQUAL. The routine writes the command line to the output command file after it enters the qualifiers. Note that the command verb has already been entered into the buffer. CALLING SEQUENCE: PATSGET_COMQUAL (COMMAND_BUF, COMMAND_SIZE, SEMSP) INPUTS: COMMAND_BUF - Address of command line buffer COMMAND SIZE - Number of command bytes already entered in the buffer SEMSP - Offset in parse stack to command token IMPLICIT INPUTS: PATSGL_COMQUAL - Indicator for qualifiers specified in command OUTPUTS: none IMPLICIT OUTPUTS: 4370 none 4371 4372 4373 ROUTINE VALUE: NOVALUE SIDE EFFECTS: The command verb and qualifiers are written to the output command file. BEGIN MAP COMMAND_BUF : REF VECTOR[,BYTE]; ! Command line buffer LITERAL HYPHEN = "XX'2D" ! Ascii continuation character (Typhen) ! Ascii fill character (space) BLANK_FILL = "XX 20"; LOCAL COM_SIZE, QUALIFIER_BIT; ! Number of bytes written into command line ! Number of qualifier bit BIND

```
K 16
PATACT
V04-000
                                                                                                                                                                                                                                                                                                   16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
                                                                                                                                                                                                                                                                                                                                                                                                                VAX-11 Bliss-32 V4.0-742 Particles P
                                                                                                                                                  CQ_TABLE = UPLIT BYTE (
        XASCIC '/I'
XASCIC '/B'
XASCIC '/B'
XASCIC '/B'
XASCIC '/PA†'
XASCIC '/NOI'
XASCIC '/H'
XASCIC '/AS'
XASCIC '/OC'
XASCIC '/INIT='
                                                                                                                                                                                                                                                                                                                                                                                                                 ) : VECTOR[,BYTE].
                                                                                                                                                  CQ_OFFSET_TBL = UPLIT BYTE (
                                                                                                                                                                                                                                                                                                                                                                 +4+3+4+6+4
                                                                                                                                                                                                                                                                                                                                                               +4+3+4+6+4+4
                                                                                                                                                                                                                                                                                                                                                                                                                          : VECTOR[,BYTE];
                                                                                                                      Loop, testing each qualifier bit. If it is set then write the qualifier into the command buffer and update the size of the command line.
                                                                                                             COM_SIZE = .COMMAND_SIZE;
INCR QUALIFIER_BIT FROM MIN_QUAL TO MAX_QUAL BY 1
                                                                                                                                                  IF .PATSGL_COMQUAL [.QUALIFIER_BIT] THEN
                                                                                                                                                                                   Check if this is an EXAMINE command. If so, put a continuation character on the end of the line. This is due to the special syntax for the EXAMINE
                                                                                                                       command enabling one to examine sequential locations without specifying
                                                                                                                       the address.
                                                                                                              IF (.PATSGL_SEMAN1[.SEMSP] EQL EXAMINE_TOKEN)
```

```
16-Sep-1984 00:23:16
14-Sep-1984 12:52:23
PATACT
VO4-000
                                                                                                                                                                  VAX-11 Bliss-32 V4.0-742 Par DISK$VMSMASTER:[PATCH.SRC]PATACT.B32;1
                             4453
4453
4455
4456
4457
4458
                                            THEN
   1416
1417
1418
1421
1421
1423
1423
1424
1427
1427
1431
1431
                                                           BEGIN
                                               ***** THIS CH$PTR IS HERE TO GET AROUND A COMPILER BUG.

***** IT SHOULD EVENTUALLY BE REMOVED AND BECOME:

COMMAND BUFL.COM_SIZE] = BLANK FILL;

COMMAND BUFL.COM_SIZE + 1] = HYPHEN;

CH$PTR(COMMAND BUFL.COM_SIZE], 0) = BLANK FILL;

CH$PTR(COMMAND BUFL.COM_SIZE], 1) = HYPHEN;

COM_SIZE = .COM_SIZE + 2;
                              4460
                             4461
4462
4463
                             4464
                                               Now write out the command verb and qualifiers to the command file.
                             4466
                                            PATSWRITEFILE (.COM_SIZE, COMMAND_BUF[0], PATSGL_COMRAB):
                                            RETURN:
                                            END:
                                                                                                                                                      _PAT$PLIT,NOWRT,NOEXE,O
                                                                                                                                         .PSECT
                                                                                                              00133 P.ABL:
00136
0013B
                                                                                                                                         .ASCII
                                                                                                       2FFFFFFFFFFF53
                                                                                                                                                       <5>//1/
                                                                                        44
                                                                          43
                                                                                 45
                                                                                                                                                        <4>\/DEC\
                                                                                                                                         .ASCII
                                                                                                                                                        <5>//M/
                                                                                                                                         _ASCII
                                                                                                              0013E
00141
                                                                                        450EC81EF
                                                                                                                                                        <2>\/B\
                                                                                                                                         .ASCII
                                                                                 41
4F
4F
                                                                                                                                                        <4>\/PAT\
                                                                                                                                         .ASCII
                                                                                                               00146
                                                                                                                                         _ASCII
                                                                                                                                                        <4>\/NOI\
                                                                                                              0014B
0014F
00152
00156
00160
00164
                                                                                                                                                       <3>\/L0\
                                                                                                                                         .ASCII
                                                                                                                                                       <2>\/H\
<3>\/AS\
                                                                                                                                         .ASCII
                                                                                                                                         .ASCII
                                                                  53
                                                                        41
                                                                                                                                                        <5>\/NOAS\
                                                                                                                                         .ASCII
                                                                                                                                                       <3>\/OC\
                                                                                                                                         .ASCII
                                                                                                                                                       <3>\/L1\
                                                                                                                                         .ASCII
                                                                                                                                         .ASCII
                                                                                                                                                        <6>\/INIT=\
                                                                                                                                                       0, 3, 8, 11, 14, 19, 24, 28, 31, 35, 41, -45, 49
                             29 23 1F 1C
                                                                                                               0016B
                                                                                                                         P. ABM:
                                                                                                                                         .BYTE
                                                                                                                         CQ_TABLE=
CQ_OFFSET_TBL=
                                                                                                                                                               P.ABL
                                                                                                                                                               P. ABM
                                                                                                                                                       _PAT$CODE,NOWRT,2
                                                                                                                                         .PSECT
                                                                                                                                                       PATSGET_COMQUAL, Save R2,R3,R4.R5,R6,R7,R8,-;
                                                                                                     03FC 00000
                                                                                                                                         .ENTRY
                                                                                                                                                                                                                                            4338
                                                                                                                                                      CQ OFFSET TBL, R9
COMMAND STZE, COM_SIZE
QUALIFIER BIT
QUALIFIER BIT, PATSGL COMQUAL, 28
CQ OFFSET TBL[QUALIFIER_BIT], R0
CQ TABLE[R0], R7
R7, CQ TABLE+1[R0], GCOMMAND_BUF[COM_SIZE]
R7, COM_SIZE
W12, QUALIFIER_BIT, 18
SEMSP, R0
PATSGL_SEMAN1[R0], W9
                                                                                        00° EF
08 AC
56
56
6946
08 A940
57
57
                                                                                                              00000
00000
00000
                                                                             000000000
                                                                                                                                         MOVAB
                                                                                                         MOVL
                                                                                                                                         CLRL
                                              14 00000000G
                                                                                                               0000F 15:
                                                                                                                                         BBC
                                                                                                              00017
0001B
                                                                                                                                         MOVZBL
                                                                                                                                        MOVZBL
                                                              C9 A940
58
56
50
09
                                                                                                                                        MOVC3
ADDL2
AOBLEQ
                                                                                                                                                                                                                                            4441
4442
4434
                                     04 BC48
                                                                                                               00020
                                                                                                               00028
0002B
                                                                                                                         28:
                                              EO
                                                                             4451
                                                                                                         DO
                                                                                                               0002
                                                                                                                                         MOVL
                                                                                                         D1
                                                                                                               00033
                                                                                                                                         CMPL
```

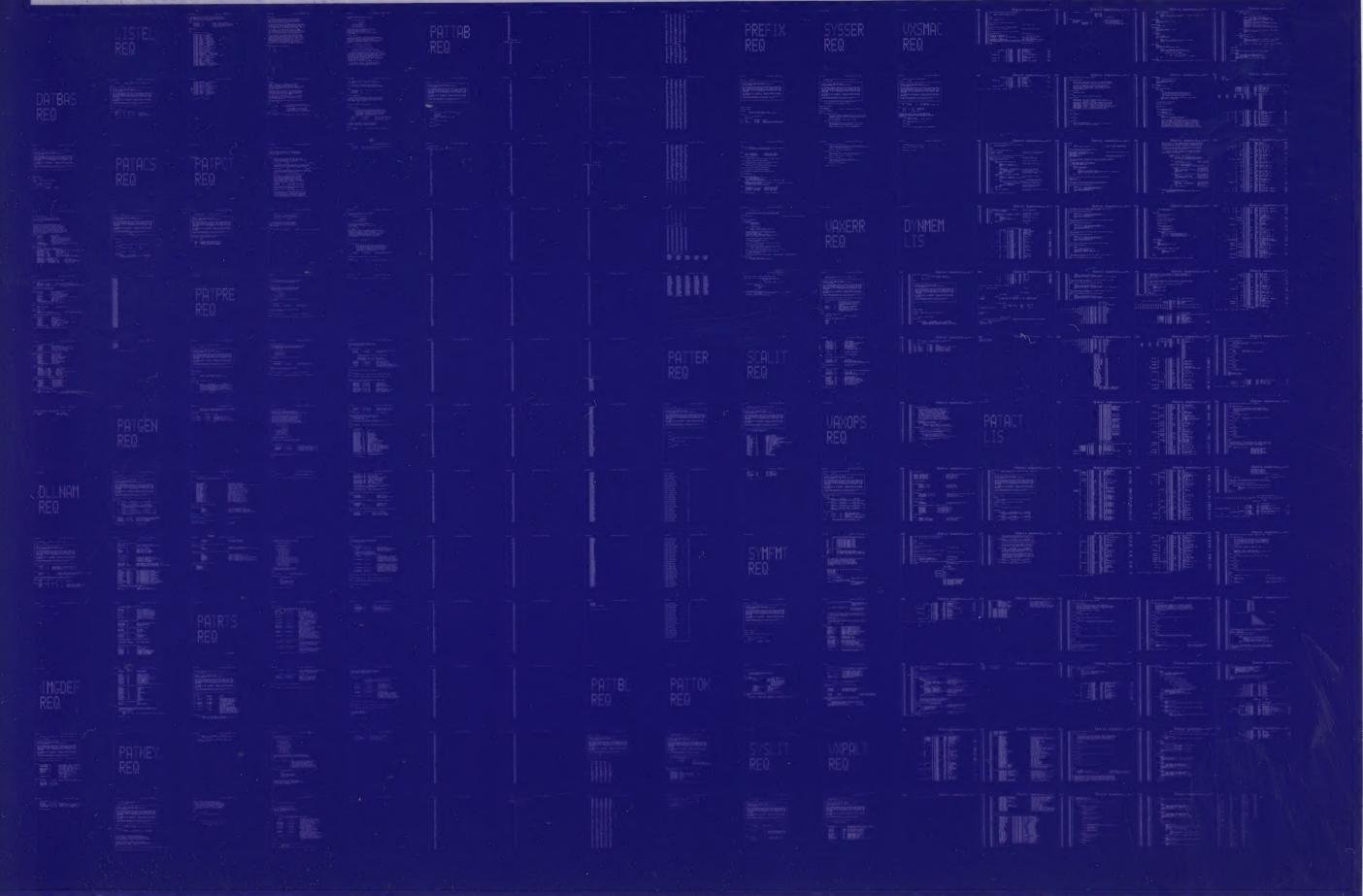
PATACT VO4-000				M 16 16-Sep- 14-Sep-	1984 00:23:16 1984 12:52:23	VAX-11 Bliss-32 V4.0-742 DISK\$VMSMASTER:[PATCH.SRC]PAT	Page 44 ACT.B32;1 (9)
	50	58 04 60 A0 58 000000000	OF AC 20 20 00	12 0003B C1 0003D D0 00042 D0 00045 C0 00049 9F 0004C 3\$:	MOVL #32 MOVL #45 ADDL2 #2, PUSHAB PAT	COM_SIZE SGL COMRAB	4458 4459 4460 4466
	0000000G	00	58 03	DD 00052 DD 00055 FB 00057 04 0005E	PUSHL COM	MAND BUF SIZE PATSWRITEFILE	4468

; Routine Size: 95 bytes, Routine Base: _PAT\$CODE + 083D

B 1 16-Sep-1984 00:23:16 14-Sep-1984 12:52:23 VAX-11 Bliss-32 V4.0-742 Page 45 DISK\$VMSMASTER: [PATCH.SRC]PATACT.B32;1 (10) PATACT V04-000 4469 1 END : 1434 .EXTRN LIB\$SIGNAL PSECT SUMMARY Name Attributes Bytes 376 NOVEC, NOWRT, RD , NOEXE, NOSHR, LCL, REL, 2204 NOVEC, NOWRT, RD , EXE, NOSHR, LCL, REL, O NOVEC, NOWRT, NORD , NOEXE, NOSHR, LCL, ABS. CON, NOPIC, ALIGN(0) CON, NOPIC, ALIGN(2) CON, NOPIC, ALIGN(0) PATSPLIT PATSCODE . ABS . Library Statistics ----- Symbols -----Pages Processing File Total Loaded Percent Mapped Time _\$255\$DUA28:[SYSLIB]LIB.L32:1 13 18619 1000 00:01.8 : Information: 00 : Warnings: : Errors: COMMAND QUALIFIERS : BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/VARIANT:1/LIS=LIS\$:PATACT/OBJ=OBJ\$:PATACT MSRC\$:PATACT/UPDATE=(ENH\$:PATACT) 2204 code + 376 data bytes 01:03.4 : Size: Rum Time: 03:18.5 Elapsed Time: Lines/CPU Min: 4230 Lexemes/CPU-Min: 33840 : Memory Used: 466 pages : Compilation Complete

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0300 AH-BT13A-SE

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